UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

SCHEDULE 13D Under the Securities Exchange Act of 1934

(Amendment No.1)*

PENTAIR PLC (Name of Issuer)

Ordinary Shares, nominal value \$0.01 per share (Title of Class of Securities)

G7S00T 104 (CUSIP Number)

Brian L. Schorr, Esq. Trian Fund Management, L.P. 280 Park Avenue, 41st Floor New York, New York 10017 Tel. No.: (212) 451-3000

> (Name, Address and Telephone Number of Person Authorized to Receive Notices and Communications)

July 10, 2015 (Date of Event Which Requires Filing of this Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition which is the subject of this Schedule 13D, and is filing this schedule because of §§ 240.13d-1(e), 240.13d-1(f) or 240.13d-1(g), check the following box [].

Note: Schedules filed in paper format shall include a signed original and five copies of the schedule, including all exhibits. See Rule 13d-7 for other parties to whom copies are to be sent.

*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter

disclosures provided in a prior cover page.

The Information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

1	NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON Nelson Peltz				
2	CHECK THE APPRO	PRIATE BOX IF A ME	MBER OF A GROUP	(a) [_] (b) [_]	
3	SEC USE ONLY				
4	SOURCE OF FUNDS AF				
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(e)				
6	CITIZENSHIP OR PLACE OF ORGANIZATION United States				
		7	SOLE VOTING POWER 0		
NUMBER OF SHARES BENEFICIALLY OWNED BY		8	SHARED VOTING POWER 13,005,377		
EACH R	EPORTING PERSON WITH	9	SOLE DISPOSITIVE POWER 0		
		10	SHARED DISPOSITIVE POWER 13,005,377		
11	AGGREGATE AMOU	JNT BENEFICIALLY (OWNED BY EACH REPORTING PERSON		
	13,005,377				
12	CHECK BOX IF THE SHARES	AGGREGATE AMOU	NT IN ROW (11) EXCLUDES CERTAIN	[]	
13	PERCENT OF CLASS	S REPRESENTED BY A	AMOUNT IN ROW (11)		
	7.24%*				
14	TYPE OF REPORTIN	G PERSON			

IN

^{*}Calculated based on 179,638,771 ordinary shares outstanding as of March 28, 2015, as reported in the Issuer's Quarterly Report on Form 10-Q for the quarter ended March 28, 2015 (the "Form 10-Q").

1	NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON Peter W. May				
2	CHECK THE APPRO	PRIATE BOX IF A ME	MBER OF A GROUP	(a) [_] (b) [_]	
3	SEC USE ONLY				
4	SOURCE OF FUNDS AF				
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS $2(d)$ or $2(e)$				
6	CITIZENSHIP OR PL United States	CITIZENSHIP OR PLACE OF ORGANIZATION United States			
		7	SOLE VOTING POWER 0		
NUMBER OF SHARES BENEFICIALLY OWNED BY		8	SHARED VOTING POWER 13,005,377		
EACH R	EPORTING PERSON WITH	9	SOLE DISPOSITIVE POWER 0		
		10	SHARED DISPOSITIVE POWER 13,005,377		
11	AGGREGATE AMOU 13,005,377	JNT BENEFICIALLY (OWNED BY EACH REPORTING PERSON		
12	CHECK BOX IF THE SHARES	AGGREGATE AMOU	NT IN ROW (11) EXCLUDES CERTAIN	[]	
13	PERCENT OF CLASS 7.24%*	S REPRESENTED BY A	AMOUNT IN ROW (11)		
14	TYPE OF REPORTIN IN	G PERSON			

* Calculated based on 179,638,771 ordinary shares outstanding as of March 28, 2015, as reported in the Issuer's Form 10-Q.

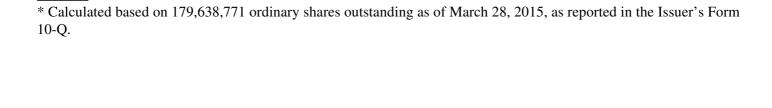
1		NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON Edward P. Garden					
2	CHECK THE APPRO	PRIATE BOX IF A	A MEMBER OF A GROUP	(a) [_] (b) [_]			
3	SEC USE ONLY	SEC USE ONLY					
4	SOURCE OF FUNDS AF						
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(e)						
6	CITIZENSHIP OR PL United States	CITIZENSHIP OR PLACE OF ORGANIZATION United States					
		7	SOLE VOTING POWER 0				
NUMBER OF SHARES BENEFICIALLY OWNED BY		8	SHARED VOTING POWER 13,005,377				
	EPORTING PERSON WITH	9	SOLE DISPOSITIVE POWER 0				
		10	SHARED DISPOSITIVE POWER 13,005,377				
11	AGGREGATE AMOU 13,005,377	JNT BENEFICIAL	LY OWNED BY EACH REPORTING PERSON				
12	CHECK BOX IF THE SHARES	AGGREGATE AN	MOUNT IN ROW (11) EXCLUDES CERTAIN	[]			
13	PERCENT OF CLASS 7.24%*	REPRESENTED	BY AMOUNT IN ROW (11)				
14	TYPE OF REPORTIN	G PERSON					

* Calculated based on	179,638,771 ordina	ary shares outstand	ding as of March	28, 2015, as report	ed in the Issuer's Form
10-Q.					

	NAME OF REPORTING PERSON Trian Fund Management, L.P.			
S.S. OR I.R.S. IDENT 20-3454182	ΓIFICATION NC	O. OF ABOVE PERSON	()	
2 CHECK THE APPRO	OPRIATE BOX I	F A MEMBER OF A GROUP	(a) [_] (b) [_]	
3 SEC USE ONLY	SEC USE ONLY			
4 SOURCE OF FUNDS AF	SOURCE OF FUNDS AF			
	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS $2(d)$ or $2(e)$			
6 CITIZENSHIP OR Pl Delaware	CITIZENSHIP OR PLACE OF ORGANIZATION Delaware			
	7	SOLE VOTING POWER 0		
NUMBER OF SHARES BENEFICIALLY OWNED BY	8	SHARED VOTING POWER 13,005,377		
EACH REPORTING PERSON WITH	9	SOLE DISPOSITIVE POWER 0		
	10	SHARED DISPOSITIVE POWER 13,005,377		
11 AGGREGATE AMO 13,005,377	UNT BENEFICI	ALLY OWNED BY EACH REPORTING PERSON		
12 CHECK BOX IF THI SHARES	E AGGREGATE	AMOUNT IN ROW (11) EXCLUDES CERTAIN	[]	
PERCENT OF CLAS 7.24%*	S REPRESENTI	ED BY AMOUNT IN ROW (11)		
14 TYPE OF REPORTING	NG PERSON			

 \ast Calculated based on 179,638,771 ordinary shares outstanding as of March 28, 2015, as reported in the Issuer's Form 10-Q.

1		NAME OF REPORTING PERSON Trian Fund Management GP, LLC				
	S.S. OR I.R.S. IDENT 20-3454087	TIFICATION 1	NO. OF ABOVE PERSON			
2	CHECK THE APPRO	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP				
3	SEC USE ONLY	SEC USE ONLY				
4	SOURCE OF FUNDS AF	SOURCE OF FUNDS AF				
5		CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS $2(d)$ or $2(e)$				
6	CITIZENSHIP OR PL Delaware	CITIZENSHIP OR PLACE OF ORGANIZATION Delaware				
		7	SOLE VOTING POWER 0			
R	NUMBER OF SHARES ENEFICIALLY OWNED BY	8	SHARED VOTING POWER 13,005,377			
	ACH REPORTING PERSON WITH	9	SOLE DISPOSITIVE POWER 0			
		10	SHARED DISPOSITIVE POWER 13,005,377			
11	AGGREGATE AMOU 13,005,377	UNT BENEFI	CIALLY OWNED BY EACH REPORTING PERSON			
12	CHECK BOX IF THE SHARES	AGGREGAT	TE AMOUNT IN ROW (11) EXCLUDES CERTAIN	[]		
13	PERCENT OF CLASS 7.24%*	S REPRESEN	TED BY AMOUNT IN ROW (11)			
14	TYPE OF REPORTIN	IG PERSON				

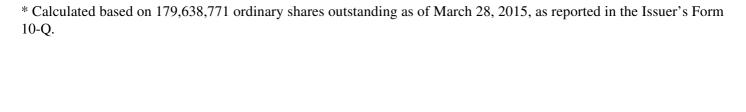


1		NAME OF REPORTING PERSON Trian Partners Master Fund (ERISA), L.P.					
	S.S. OR I.R.S. IDENT 98-0682467	TIFICATION N	NO. OF ABOVE PERSON				
2	CHECK THE APPRO	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP					
3	SEC USE ONLY						
4	SOURCE OF FUNDS WC	SOURCE OF FUNDS WC					
5		CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT [_ TO ITEMS 2(d) or 2(e)					
6	CITIZENSHIP OR PL Cayman Islands	LACE OF ORC	GANIZATION				
		7	SOLE VOTING POWER 0				
	NUMBER OF SHARES BENEFICIALLY OWNED BY	8	SHARED VOTING POWER 182,740				
	EACH REPORTING PERSON WITH	9	SOLE DISPOSITIVE POWER 0				
		10	SHARED DISPOSITIVE POWER 182,740				
11	1 AGGREGATE AMOU 182,740	UNT BENEFI	CIALLY OWNED BY EACH REPORTING PERSON				
12	2 CHECK BOX IF THE SHARES	E AGGREGAT	TE AMOUNT IN ROW (11) EXCLUDES CERTAIN	[X]			
13	PERCENT OF CLASS 0.10%*	S REPRESEN	TED BY AMOUNT IN ROW (11)				
14	4 TYPF ∩F RFP∩RTIN	JG PERSON					

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^{*} Calculated based on 179,638,771 ordinary shares outstanding as of March 28, 2015, as reported in the Issuer's Form 10-Q.

1		NAME OF REPORTING PERSON Trian Partners, L.P.					
		S.S. OR I.R.S. IDENT 20-3453988	S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON 20-3453988				
2		CHECK THE APPRO	PRIATE BOX IF A ME	EMBER OF A GROUP	(a) [_] (b) [_]		
3		SEC USE ONLY	SEC USE ONLY				
4		SOURCE OF FUNDS WC	SOURCE OF FUNDS WC				
5		CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(e)					
6		CITIZENSHIP OR PL Delaware	CITIZENSHIP OR PLACE OF ORGANIZATION Delaware				
	NUMBER OF SHARES		7	SOLE VOTING POWER 0			
			8	SHARED VOTING POWER 2,670,342			
		CIALLY OWNED BY EPORTING PERSON WITH	9	SOLE DISPOSITIVE POWER 0			
			10	SHARED DISPOSITIVE POWER 2,670,342			
1	1	AGGREGATE AMOU 2,670,342	UNT BENEFICIALLY	OWNED BY EACH REPORTING PERSON			
1	2	CHECK BOX IF THE SHARES	AGGREGATE AMOU	UNT IN ROW (11) EXCLUDES CERTAIN	[X]		
1	3	PERCENT OF CLASS 1.49%*	S REPRESENTED BY A	AMOUNT IN ROW (11)			
1	4	TYPE OF REPORTIN	IG PERSON				



1	NAME OF REPORTING PERSON Trian Partners Master Fund, L.P. S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON 98-0468601				
2	CHECK THE APPRO	PRIATE BOX IF A ME	MBER OF A GROUP	(a) [_] (b) [_]	
3	SEC USE ONLY	SEC USE ONLY			
4	SOURCE OF FUNDS WC				
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT [_] TO ITEMS 2(d) or 2(e)				
6	CITIZENSHIP OR PL. Cayman Islands	CITIZENSHIP OR PLACE OF ORGANIZATION Cayman Islands			
		7	SOLE VOTING POWER 0		
BENEFIC	BER OF SHARES CIALLY OWNED BY	8	SHARED VOTING POWER 5,959,332		
EACH R	REPORTING PERSON WITH	9	SOLE DISPOSITIVE POWER 0		
		10	SHARED DISPOSITIVE POWER 5,959,332		
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 5,959,332				
12	CHECK BOX IF THE SHARES	AGGREGATE AMOU	NT IN ROW (11) EXCLUDES CERTAIN	[X]	
13	PERCENT OF CLASS 3.32%*	REPRESENTED BY A	AMOUNT IN ROW (11)		
14	TYPE OF REPORTIN PN	G PERSON			

^{*} Calculated based on 179,638,771 ordinary shares outstanding as of March 28, 2015, as reported in the Issuer's Form 10-Q.

1		NAME OF REPORTING PERSON Trian Partners Parallel Fund I, L.P.					
	S.S. OR I.R.S. IDENT 20-3694154	IFICATION N	O. OF ABOVE PERSON				
2	CHECK THE APPRO	PRIATE BOX	IF A MEMBER OF A GROUP	(a) [_] (b) [_]			
3	SEC USE ONLY	SEC USE ONLY					
4	SOURCE OF FUNDS WC						
5	CHECK BOX IF DISC TO ITEMS 2(d) or 2(e)	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT [_] TO ITEMS 2(d) or 2(e)					
6	CITIZENSHIP OR PL Delaware	ACE OF ORG	ANIZATION				
		7	SOLE VOTING POWER 0				
	UMBER OF SHARES	8	SHARED VOTING POWER 261,894				
	EFICIALLY OWNED BY H REPORTING PERSON WITH	9	SOLE DISPOSITIVE POWER 0				
		10	SHARED DISPOSITIVE POWER 261,894				
11	AGGREGATE AMOU 261,894	JNT BENEFIC	TIALLY OWNED BY EACH REPORTING PERSON				
12	CHECK BOX IF THE SHARES	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN [X] SHARES					
13	PERCENT OF CLASS 0.15%*	S REPRESENT	TED BY AMOUNT IN ROW (11)				
14	TYPE OF REPORTIN	IG PERSON					

* Calculated based on 179,638,771 ordinary shares outstanding as of March 28, 2015, as reported in the Issuer's Form 10-Q.

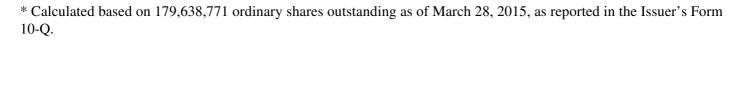
1	NAME OF REPORTING PERSON Trian Partners Strategic Investment Fund-A, L.P.					
	S.S. OR I.R.S. IDENT 27-4180625	S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON 27-4180625				
2	CHECK THE APPRO	PRIATE BOX IF A M	IEMBER OF A GROUP	(a) [_] (b) [_]		
3	SEC USE ONLY	SEC USE ONLY				
4	SOURCE OF FUNDS WC					
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS $2(d)$ or $2(e)$					
6	CITIZENSHIP OR PL Delaware	CITIZENSHIP OR PLACE OF ORGANIZATION Delaware				
		7	SOLE VOTING POWER 0			
NUMBER OF SHARES BENEFICIALLY OWNED BY		8	SHARED VOTING POWER 1,589,435			
LACITI	REPORTING PERSON WITH	9	SOLE DISPOSITIVE POWER 0			
		10	SHARED DISPOSITIVE POWER 1,589,435			
11	AGGREGATE AMOU 1,589,435	JNT BENEFICIALLY	OWNED BY EACH REPORTING PERSON			
12	CHECK BOX IF THE SHARES	AGGREGATE AMO	OUNT IN ROW (11) EXCLUDES CERTAIN	[X]		
13	PERCENT OF CLASS 0.88%*	S REPRESENTED BY	AMOUNT IN ROW (11)			
14	TYPE OF REPORTIN	IG PERSON				

^{*} Calculated based on 179,638,771 ordinary shares outstanding as of March 28, 2015, as reported in the Issuer's Form 10-Q.

1	NAME OF REPORTING PERSON Trian Partners Strategic Investment Fund-N, L.P.					
	S.S. OR I.R.S. IDENT 80-0958490					
2	CHECK THE APPRO	PRIATE BOX IF A MI	EMBER OF A GROUP	(a) [_] (b) [_]		
3	SEC USE ONLY	SEC USE ONLY				
4	SOURCE OF FUNDS WC					
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(e)			[_]		
6	CITIZENSHIP OR PL Delaware	ACE OF ORGANIZAT	TION			
NUMBER OF SHARES BENEFICIALLY OWNED BY		7	SOLE VOTING POWER 0			
		8	SHARED VOTING POWER 407,995			
LACITA	EPORTING PERSON WITH	9	SOLE DISPOSITIVE POWER 0			
		10	SHARED DISPOSITIVE POWER 407,995			
11	AGGREGATE AMOU 407,995	UNT BENEFICIALLY	OWNED BY EACH REPORTING PERSON			
12	CHECK BOX IF THE SHARES	AGGREGATE AMOU	UNT IN ROW (11) EXCLUDES CERTAIN	[X]		
13	PERCENT OF CLASS 0.23%*	S REPRESENTED BY	AMOUNT IN ROW (11)			
14	TYPE OF REPORTIN	IG PERSON				

* Calculated based on 179,638,771 ordinary shares outstanding as of March 28, 2015, as reported in the Issuer's Form 10-Q.

	NAME OF REPORTING PERSON Trian Partners Strategic Investment Fund II, L.P.				
S.S. OR I.R.S. IDEN 45-4929803	S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON 45-4929803 (a)				
2 CHECK THE APPR	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP				
3 SEC USE ONLY	SEC USE ONLY				
4 SOURCE OF FUND WC	SOURCE OF FUNDS WC				
	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS $2(d)$ or $2(e)$				
6 CITIZENSHIP OR F Delaware	CITIZENSHIP OR PLACE OF ORGANIZATION Delaware				
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER 0			
		SHARED VOTING POWER 902,609			
	9	SOLE DISPOSITIVE POWER 0			
	10	SHARED DISPOSITIVE POWER 902,609			
11 AGGREGATE AMO 902,609	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 902,609				
12 CHECK BOX IF THE SHARES	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN [X] SHARES				
PERCENT OF CLA 0.50%*	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 0.50% *				
14 TYPE OF REPORTED PN	TYPE OF REPORTING PERSON PN				



1	NAME OF REPORTING PERSON Trian Partners Strategic Investment Fund-D, L.P.					
	S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON 98-1108184 (a) [_]					
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP					
3	SEC USE ONLY					
4	SOURCE OF FUNDS WC					
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(e)					
6	CITIZENSHIP OR PLACE OF ORGANIZATION Cayman Islands					
		7	SOLE VOTING POWER 0			
NUMBER OF SHARES BENEFICIALLY OWNED BY		8	SHARED VOTING POWER 364,145			
EACH REPORTING PERSON WITH	9	SOLE DISPOSITIVE POWER 0				
	10	SHARED DISPOSITIVE POWER 364,145				
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 364,145					
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN [X] SHARES					
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 0.20% *					
14	TYPE OF REPORTING PERSON PN					