# 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 APPROPRIATE BOX IF A MEMBER OF A GROUP				
3	SEC USE ONLY				
4	SOURCE OF FUNDS AF				
5	CHECK BOX IF DISC TO ITEMS 2(d) or 2(e		PROCEEDINGS IS REQUIRED PURSUANT	[_]	
6	CITIZENSHIP OR PL United States	ACE OF ORGANIZAT	ION		
		7	SOLE VOTING POWER 0		
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH		8	SHARED VOTING POWER 13,005,377		
		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 AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN [ ] SHARES				
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)				
	7.24%*				
14	TYPE OF REPORTIN	G PERSON			

IN

<sup>\*</sup>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 APPROPRIATE BOX IF A MEMBER OF A GROUP				
3	SEC USE ONLY				
4	SOURCE OF FUNDS AF				
5	CHECK BOX IF DISC TO ITEMS 2(d) or 2(e)		PROCEEDINGS IS REQUIRED PURSUANT	[_]	
6	CITIZENSHIP OR PL United States	ACE OF ORGANIZAT	ION		
		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 AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 13,005,377				
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN [ ] SHARES				
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 7.24%*				
14	TYPE OF REPORTING PERSON IN				

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

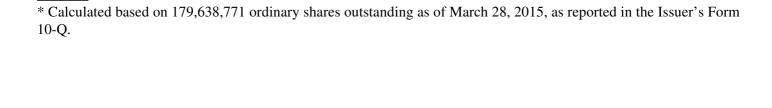
1	NAME OF REPORTING S.S. OR I.R.S. IDENTED Edward P. Garden		OF ABOVE PERSON			
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP					
3	SEC USE ONLY					
4	SOURCE OF FUNDS AF					
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(e)					
6	CITIZENSHIP OR PL United States	ACE OF ORGAN	IZATION			
		7	SOLE VOTING POWER 0			
	BER OF SHARES CIALLY OWNED BY EPORTING PERSON WITH	8	SHARED VOTING POWER 13,005,377			
		9	SOLE DISPOSITIVE POWER 0			
		10	SHARED DISPOSITIVE POWER 13,005,377			
11	AGGREGATE AMOU 13,005,377	JNT BENEFICIAL	LLY OWNED BY EACH REPORTING PERSON			
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES					
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 7.24%*					
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	S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON 20-3454182				
2 CHECK THE APPRO	OPRIATE BOX I	F A MEMBER OF A GROUP	(a) [_] (b) [_]		
3 SEC USE ONLY					
4 SOURCE OF FUNDS AF	SOURCE OF FUNDS AF				
5 CHECK BOX IF DIS TO ITEMS 2(d) or 2(		LEGAL PROCEEDINGS IS REQUIRED PURSUANT	[_]		
6 CITIZENSHIP OR Pl Delaware	LACE OF ORGA	ANIZATION			
	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	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 13,005,377				
12 CHECK BOX IF THI SHARES	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN [ ] SHARES				
PERCENT OF CLAS 7.24%*	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 7.24%*				
14 TYPE OF REPORTING	TYPE OF REPORTING PERSON PN				

 $\ast$  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	IFICATION N	O. 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 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	ACE OF ORG	ANIZATION			
		7	SOLE VOTING POWER 0			
	IUMBER OF SHARES EFICIALLY OWNED BY	8	SHARED VOTING POWER 13,005,377			
	H REPORTING PERSON WITH	9	SOLE DISPOSITIVE POWER 0			
		10	SHARED DISPOSITIVE POWER 13,005,377			
11	AGGREGATE AMOU 13,005,377	JNT BENEFIC	CIALLY OWNED BY EACH REPORTING PERSON			
12	CHECK BOX IF THE SHARES	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN [ ] SHARES				
13	PERCENT OF CLASS 7.24%*	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 7.24%*				
14	TYPE OF REPORTIN	TYPE OF REPORTING PERSON				



1		NAME OF REPORTING PERSON Trian Partners Master Fund (ERISA), L.P.				
	S.S. OR I.R.S. IDENT 98-0682467	TFICATION N	IO. 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	ACE OF ORC	SANIZATION			
		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	AGGREGATE AMOU 182,740	UNT BENEFIC	CIALLY 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 0.10%*	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 0.10%*				
14	TVDE OF DEDODTIN	TYPE OF REPORTING PERSON				

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<sup>\*</sup> 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. IDENTIFICATION NO. OF ABOVE PERSON	
	20-3453988	
		(a) [_]
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP	(b) [_]
3	SEC USE ONLY	