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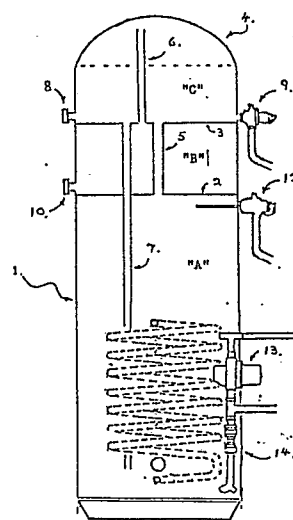
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54 Domestic hot water cylinder and system.

57 According to this invention there is provided a cylinder (1) suitable for domestic hot water storage, which in an upright position has an upper interior divided into adjacent upper and lower chambers (C,B) defined by a base (2), partitioning wall (3) and the cylinder roof (4), and a lower interior constituting a main water storage chamber (A). A primary duct (6) extends upwardly of the partitioning wall (3) allowing communication between the upper and lower chambers (C,B). At least one secondary duct (5) extends downwardly of the partitioning wall (3) allowing communication between the upper chamber (C) and the main water storage chamber (A). The lower chamber (B) has an automatic air vent (11), and means (10) suitable for connection to a water heating circuit (F,G). The invention also extends to a hot water storage and central heating system, incorporating such a cylinder.





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EUROPEAN SEARCH REPORT

Application Number

EP 87 30 8291

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 4)
A, D	GB-A-2 001 740 (FLEMING FABRICATIONS LIMITED) ---	1	F 24 H 1/20 F 24 D 3/08
A	GB-A-1 580 451 (FLEMING FABRICATIONS LIMITED) * Whole document *	1	F 24 D 19/08 F 24 H 9/12
A	GB-A-1 066 194 (ECONOMIC PRESSWORK LIMITED) * Claim 1; figures *	1	
			TECHNICAL FIELDS SEARCHED (Int. Cl. 4)
			F 24 D
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 23-06-1988	Examiner VAN GESTEL H.M.
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			