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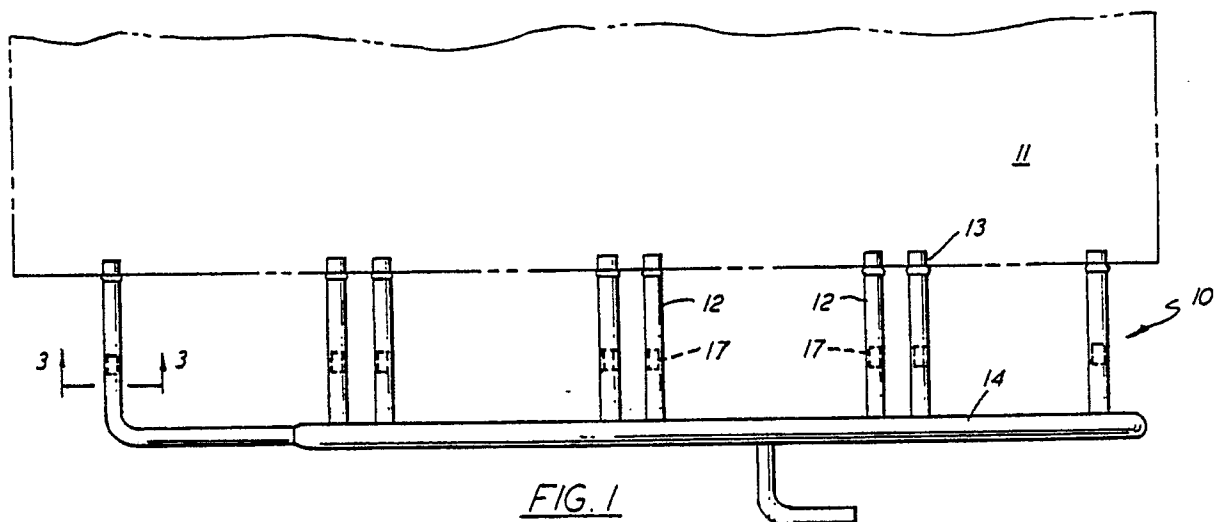
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(54) **Refrigerant metering apparatus for multicircuit coil.**

(57) In a multicircuit evaporator coil where vaporized refrigerant is conducted simultaneously to a plurality of parallel circuits by way of individual distributor lines (12), provision is made to meter the refrigerant flow within each of the distribution lines (12) by way of individual expansion devices (17) disposed therein. In one embodiment, a cylinder having a central

bore (19) formed therein is mounted within each of the distribution lines (12) by way of a brazing process. In another embodiment, the individual distribution lines (12) have contracted portions formed therein for metering the refrigerant in the respective circuits.



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EUROPEAN SEARCH REPORT

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EP 89 63 0155

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.5)
X	US-A-2 158 792 (ERBACH) * Page 1, left-hand column, lines 45-55; page 1, right-hand column, line 49 - page 2, left-hand column, line 20; page 2, left-hand column, line 70 - page 2, right-hand column, line 20; figures 3-6 *	1,2,7,8	F 25 B 41/06 F 25 B 39/02
Y	EP-A-0 232 527 (STEIN INDUSTRIE) * Column 1, lines 1-28; column 1, line 49 - column 2, line 4; figures 4-6 *	1,2,7,8	
Y	US-A-2 168 404 (GRANT) * Page 1, right-hand column, lines 31-51; figure 1 *	1,2,7,8	
A	EP-A-0 228 330 (USINES CHAUSSON) * Column 2, line 50 - column 3, line 54; figure 1 *	1,2,7	
A	US-A-2 164 629 (SIBLEY) * Page 1, left-hand column, lines 4-14; page 1, right-hand column, lines 8-17; page 2, left-hand column 71 - page 2, right-hand column, line 9; figures 2-3,5-7 *	1,7	
A	US-A-2 310 234 (HAUG) * Page 2, left-hand column, lines 29-40; page 2, left-hand column, line 65 - page 2, right-hand column, line 43; figures 1-5 *	1,2,7	TECHNICAL FIELDS SEARCHED (Int. Cl.5) F 25 B F 28 F
A	GB-A-4 106 84 (BRITISH THOMSON-HOUSTON) * Page 4, lines 10-78; figure 2 *	3-5	
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of search 25 October 90	Examiner BAECKLUND O.A.
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			