

Title (en)
Universal fitting for tube radiator

Title (de)
Universales Anschlussstück für Rohrradiator

Title (fr)
Dispositif de raccordement universel pour radiateur tubulaire

Publication
EP 0764824 A1 19970326 (FR)

Application
EP 96401935 A 19960911

Priority
FR 9510810 A 19950915

Abstract (en)

The assembly consists of two tubular manifolds (1') connected by transfer tubes. Each manifold has a transverse partition (4) situated close to each end. Each partition has a large aperture (5) in it to allow the heating fluid to circulate through the manifold. A removable stopper (6) is fitted into the aperture to divide the manifold into two chambers which receive the flow and return fluid. The stopper can be made from metal, a synthetic material or rubber, and it can be made section so that it can be cut to the required size for receiving the return tube of a coupling cock. The end of each manifold also has an aperture (9) closed by a removable stopper (10) which gives access to the interior of the manifold to allow an inner partition stopper to be fitted or removed.

Abstract (fr)

Chaque collecteur 1,1' comporte, vers chacune de ses extrémités, un cloisonnement 4 qui présente un passage 5 de grand diamètre. Chaque cloisonnement 4 est disposé, à l'intérieur du collecteur 1,1', entre les ouvertures de raccordement du deuxième et du troisième tubes émetteurs 2. Selon le mode de raccordement à effectuer, on obture par un opercule 6 l'ouverture 5 du cloisonnement 4 disposé au voisinage de l'extrémité de collecteur par laquelle doit s'effectuer le raccordement d'alimentation. Le dispositif permet, sans modification du radiateur, tout mode de raccordement de celui-ci. <IMAGE>

IPC 1-7
F28F 9/26; F24H 9/12

IPC 8 full level
F24H 9/12 (2006.01); **F28F 9/02** (2006.01); **F28F 9/26** (2006.01)

CPC (source: EP)
F24D 19/0002 (2013.01); **F24D 19/0073** (2013.01); **F28F 9/0212** (2013.01); **F28F 9/262** (2013.01); **F28F 2220/00** (2013.01);
F28F 2280/02 (2013.01)

Citation (search report)

- [A] DE 1679429 A1 19720316 - SCHAEFER KG FRITZ
- [A] FR 2316568 A1 19770128 - BENTELER WERKE AG [DE]
- [A] GB 932381 A 19630724 - IDEAL STANDARD
- [A] BE 876079 A 19790903 - VERSIBAT NV
- [A] DE 1679388 A1 19710318 - MARKOWZ KARL HEINZ

Cited by
EP0916910A3; EP1818643A3

Designated contracting state (EPC)
CH DE ES GB IT LI SE

DOCDB simple family (publication)
EP 0764824 A1 19970326; EP 0764824 B1 20010418; DE 69612530 D1 20010523; DE 69612530 T2 20011122; FR 2738907 A1 19970321;
FR 2738907 B1 19971205

DOCDB simple family (application)
EP 96401935 A 19960911; DE 69612530 T 19960911; FR 9510810 A 19950915