

Title (en)

Device for dividing or uniting a supply of fluid

Title (de)

Vorrichtung zur Teilung oder zum Zusammenfügen einer Strömung

Title (fr)

Dispositif pour diviser ou réunir un débit de fluide

Publication

EP 1355068 B1 20091223 (FR)

Application

EP 03290899 A 20030410

Priority

FR 0204958 A 20020419

Abstract (en)

[origin: EP1355068A1] The separator/connector, comprising a housing (10) with primary (OP) and secondary (OS4) ports for corresponding fluid flows, contains a cylinder block (14) with a series of radial cylinders (16) and a fixed reaction cam (11). The block has a duct (20) for each cylinder and incorporates a fluid distributor (22) that rotates together with it. The distributor has primary distribution ducts (24P) connected to the primary port, and secondary ducts (24S) connected to the various secondary ports. During relative rotation of the housing and cylinder block is connected alternately to a primary and secondary distribution duct.

IPC 8 full level

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CPC (source: EP)

F03C 1/0655 (2013.01); **F03C 1/247** (2013.01); **F04B 1/063** (2013.01); **F04B 1/1071** (2013.01); **F15B 11/22** (2013.01); **F15B 13/022** (2013.01)

Cited by

FR2996267A1; FR2996268A1; CN104797817A; RU2619436C2; US9518466B2; US8225707B2; WO2008068206A1; WO2014048842A1

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