

Title (en)

COMPACT FOUR-WAY CONNECTOR AND ITS APPLICATION IN THE COOLING SYSTEM OF A MOTOR VEHICLE

Publication

EP 0446099 B1 19930526 (FR)

Application

EP 91400509 A 19910225

Priority

FR 9002745 A 19900305

Abstract (en)

[origin: EP0446099A1] The connector comprises a first pipe and a second pipe (26, 27) placed substantially in the axial extension of one another, a chamber (28) having a cylindrical wall (35) open at its ends to which the pipes (26, 27) are connected and a third pipe and fourth pipe (29, 30) which are branch-connected and emerge laterally into the chamber (28). The third and fourth pipes (29, 30) are connected to the chamber (28) by nozzles (36, 37) whose axes are located in a transverse plane perpendicular to the axis of the chamber (28). The nozzles (36, 37) are disposed at least partially recessed towards the inside of the chamber (28) in order to reduce the transverse dimensions of the connector. An inclined wall (31) traversed by a calibrated orifice (31a) separates the chamber (28) into two sections into each of which a branch pipe (29, 30) emerges. <IMAGE>

IPC 1-7

F01P 11/02; **F16L 41/03**

IPC 8 full level

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CPC (source: EP)

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Cited by

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