

Title (en)

Device for fluid connection with a heat-exchanger of a motor vehicle.

Title (de)

Vorrichtung zur Fluidverbindung für einen Kraftfahrzeugwärmetauscher.

Title (fr)

Dispositif de raccordement de fluide pour un échangeur de chaleur de véhicule automobile.

Publication

**EP 0570287 A1 19931118 (FR)**

Application

**EP 93401222 A 19930513**

Priority

FR 9205810 A 19920513

Abstract (en)

The invention relates to a fluid connection device for a motor vehicle heat-exchanger. The device comprises a first tube (16) and a second tube (18) having respective connecting rings (20, 24) of conjugate shape which are each attached to one tubular body (22, 26) of given axis (A1, A2), the connection ring (20) extending in a general plane (P1) which is inclined by a chosen angle (B) with respect to a plane (P0) perpendicular to the axis (A1) of the body (22). Application to cooling or heating radiators of motor vehicles. <IMAGE>

IPC 1-7

**F28F 9/04**

IPC 8 full level

**F28F 9/02** (2006.01); **F28F 9/04** (2006.01); **F28F 9/26** (2006.01)

CPC (source: EP)

**F28F 9/0246** (2013.01)

Citation (search report)

- [A] EP 0327440 A1 19890809 - HUTCHINSON [FR]
- [A] EP 0327442 A1 19890809 - HUTCHINSON [FR]
- [A] PATENT ABSTRACTS OF JAPAN vol. 9, no. 272 (M-425)(1995) 30 Octobre 1985 & JP-A-60 116 813 ( SANKEI GIKEN KOGYO K.K. )

Cited by

FR2853724A1; WO2004090456A1

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DE ES GB IT

DOCDB simple family (publication)

**EP 0570287 A1 19931118; EP 0570287 B1 19951206**; DE 69300938 D1 19960118; DE 69300938 T2 19960425; ES 2086898 T3 19960701; FR 2691241 A1 19931119; FR 2691241 B1 19990618; JP H0626781 A 19940204

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