

Title (en)

DEVICE FOR COUPLING A PISTON TO AN ANNULAR DISC

Title (de)

VORRICHTUNG ZUM ANKOPPELN EINES KOLBENS AN EINE RINGSCHIEBE

Title (fr)

DISPOSITIF DE COUPLAGE D'UN PISTON À UN DISQUE ANNULAIRE

Publication

**EP 2049796 A1 20090422 (DE)**

Application

**EP 07722534 A 20070619**

Priority

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- DE 102006035148 A 20060729

Abstract (en)

[origin: WO2008014736A1] A device for coupling a piston to an annular disc (1), in particular to a captive C-washer/swash plate or to a pivot ring of the working unit of a reciprocating-piston machine, preferably of a compressor of the air-conditioning system of a motor vehicle, having a piston bridge (2) which is assigned to the piston and sliding shoes (3) which act between the annular disc (1) and the piston bridge (2), wherein the piston bridge (2) engages at least partially around or over the annular disc (1) and is in sliding engagement with the annular disc (1) by means of the sliding shoes (3), is characterized in that the sliding shoes (3) form, on the side facing towards the annular disc (1), around their actual sliding face (4) and towards the annular disc (1), an outer gap (5) which encircles the sliding face (4) and which serves to receive and store lubricant.

IPC 8 full level

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