

Title (en)

AXIAL DISC AND GEAR PUMP WITH AXIAL DISC

Title (de)

AXIALSCHEIBE UND ZAHNRADPUMPE MIT AXIALSCHEIBE

Title (fr)

DISQUE AXIAL ET POMPE À ENGRENAGES COMPORTANT UN DISQUE AXIAL

Publication

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Application

EP 11788530 A 20111130

Priority

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- EP 2011071395 W 20111130

Abstract (en)

[origin: WO2012084437A2] The invention relates to an internal gear pump (1) for a hydraulic vehicle brake system. The invention proposes that axial discs (17) which, by the exertion of pressure on the outer sides thereof, are pressed against gearwheels (2, 4) of the internal gear pump (1) for lateral sealing, be provided on the inner sides thereof with grooves (23) through which the gearwheels (2, 4) convey brake fluid as they are driven in rotation, which brake fluid thereby passes, for lubrication, between the axial discs (17) and the gearwheels (2, 4) of the internal gear pump (1).

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2012084437A2

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