

Title (en)

Hydraulic distribution device by means of a two-way, variable-delivery pump

Title (de)

Hydraulische Vorrichtung zur Verteilung mittels einer Zweiwegpumpe mit variabler Leistung

Title (fr)

Dispositif de distribution hydraulique au moyen d'une pompe à double sens et à débit variable

Publication

EP 2436919 B1 20121212 (FR)

Application

EP 11177379 A 20110812

Priority

FR 1057873 A 20100929

Abstract (en)

[origin: EP2436919A1] The pump has axial pistons supporting against a swash plate whose inclination is controlled by two antagonistic cylinders. A port plate includes a suction port (22) and a discharge port (23) to ensure the distribution of the pump. The plate includes compression and decompression semi-whiskers (25, 26) between ends of the ports, where the dimension of the semi-whiskers are determined such that the decompression semi-whiskers do not communicate with the suction port and the compression semi-whiskers do not communicate with the suction port. A groove is arranged between the ends of the ports.

IPC 8 full level

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CPC (source: EP)

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