

Title (en)

ROTARY PRESSURE COMPENSATED MULTIPLE-DISK CLUTCH

Title (de)

ROTATIONSDRUCKAUSGEGLICHENE LAMELLENKUPPLUNG

Title (fr)

EMBRAYAGE A DISQUES A COMPENSATION DE LA PRESSION DE ROTATION

Publication

EP 0710332 A1 19960508 (DE)

Application

EP 94924783 A 19940719

Priority

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- EP 9402366 W 19940719

Abstract (en)

[origin: WO9503497A1] A rotary pressure compensated multiple-disk clutch has a cylinder that encloses a pressure chamber and a pressure-actuated piston (1, 2) contained therein, for clutches (A, B) consisting of disk stacks (11). The piston (1) of one clutch (B) is coupled to the piston (2) of the other clutch (A) around the driving shaft (3) in such a way that a common pressure compensating chamber (4) is formed between the rear sides of both pistons (1, 2). This chamber is inwardly delimited by the driving shaft (3) and outwardly delimited by a ring-shaped element (5). The front or inner sides of the pistons (1, 2) are surrounded each by a pressure chamber (9A, 9B).

IPC 1-7

F16D 25/10; **F16D 25/0638**

IPC 8 full level

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Citation (search report)

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