

Title (en)

HYDRAULIC UNIT FOR ANTI-SLIP REGULATED BRAKING SYSTEMS

Title (de)

HYDRAULIKAGGREGAT FÜR SCHLUPFGEREDELTE BREMSANLAGEN

Title (fr)

UNITE HYDRAULIQUE POUR SYSTEMES DE FREINAGE A REGULATION ANTIPATINAGE

Publication

**EP 1339580 A1 20030903 (DE)**

Application

**EP 01997427 A 20011102**

Priority

- DE 10057821 A 20001121
- DE 10100742 A 20010110
- DE 10131757 A 20010630
- EP 0112675 W 20011102

Abstract (en)

[origin: WO0242134A1] The invention relates to a hydraulic unit whose inlet valves are arranged in valve receiving bores (2C, 2D) belonging to a first row of valves (X) which is spatially separated by means of a pump receiving bore (5) from a second row of valves (Y) receiving the outlet valves. Several valve receiving bores (2E, 2F) of a third row of valves (Z) disposed at a distance from the pump receiving bore (5) directly in between the second row of valves (Y) and the brake cylinder connections (B1, B2) lead to a first housing surface (A1) of a receiving body (4). An electric reversing valve which is closed in a base position is provided in order to hydraulically connect at least one brake cylinder connection (B1 or B2) to an inlet-side connection of the pump receiving bore (5) in at least one valve receiving bore (2E) of the third row of valves (Z), the hydraulic connection thereof to the pump receiving bore (5) being carried out via a section of an inlet channel (6) and the length thereof being determined by the distance between the pump receiving bore (5) and the third row of valves (Z).

IPC 1-7

**B60T 8/36**; **B60T 17/22**

IPC 8 full level

**B60T 8/34** (2006.01); **B60T 8/36** (2006.01); **B60T 17/22** (2006.01)

CPC (source: EP US)

**B60T 8/368** (2013.01 - EP US); **B60T 17/222** (2013.01 - EP US); **Y10S 303/10** (2013.01 - EP US)

Citation (search report)

See references of WO 0242134A1

Designated contracting state (EPC)

DE FR

DOCDB simple family (publication)

**WO 0242134 A1 20020530**; EP 1339580 A1 20030903; JP 2004513840 A 20040513; US 2004046446 A1 20040311; US 6877822 B2 20050412

DOCDB simple family (application)

**EP 0112675 W 20011102**; EP 01997427 A 20011102; JP 2002544287 A 20011102; US 43232103 A 20030521