

Title (en)
HYDRAULIC DISTRIBUTOR WITH TORQUE SLITS

Title (de)
HYDRAULISCHER VERTEILER MIT DREHMOMENTSCHLITZEN

Title (fr)
DISTRIBUTEUR HYDRAULIQUE A FENTES DE COUPLE

Publication
EP 1644644 B1 20061115 (FR)

Application
EP 04767490 A 20040628

Priority
• FR 2004001644 W 20040628
• FR 0308685 A 20030716

Abstract (en)
[origin: FR2857704A1] The hydraulic distributor, consisting of a housing (2) with an inlet (P), a return port (T), two or more working ports (A, B), a slide valve (8) and a regulator (15), has two secondary non-return valves (40, 41) located in lengthwise channels (33, 34) upstream of the heads (31, 32) of its primary non-return valves (25, 26). The secondary non-return valves are connected via slots (50, 51) to the bore (4) containing the distributor's slide valve and are open during the hydraulic fluid escape phases in the slide valve section opposite the load pressure in the working ports.

IPC 8 full level
F15B 13/04 (2006.01)

CPC (source: EP US)
F15B 13/0402 (2013.01 - EP US); **F15B 13/0403** (2013.01 - EP US); **Y10T 137/86702** (2015.04 - EP US); **Y10T 137/8671** (2015.04 - EP US)

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