

Title (en)  
HYDRAULIC DISTRIBUTOR

Title (de)  
HYDRAULISCHES WEGEVENTIL

Title (fr)  
DISTRIBUTEUR HYDRAULIQUE

Publication  
**EP 1137888 B1 20030507 (FR)**

Application  
**EP 99957372 A 19991208**

Priority  
• FR 9903052 W 19991208  
• FR 9815523 A 19981209

Abstract (en)  
[origin: US6532989B1] A hydraulic distributor that has a regulating balance including a housing hollowed in the distributor body and containing coaxially a fixed central core. A tubular plunger is interposed sliding freely, coaxially, between the core and the housing and co-operates with a lateral orifice connected to a working orifice. The core and the plunger define between them an annular chamber. The plunger has a first radial annular surface subjected to the highest charge pressure (LS) and a second annular surface subjected to the pressure of the intake fluid. A central passage in the core constitutes a first orifice emerging at one end of the housing exposed to the highest charge pressure (LS). A second orifice emerges in the annular chamber and a third orifice is located opposite the other end of the housing and remains closed by the plunger as long as the charge pressure of the distributor is below the highest charge pressure (LS).

IPC 1-7  
**F15B 13/04**; **F15B 11/05**

IPC 8 full level  
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**F15B 13/0407** (2013.01 - EP US); **F15B 13/0417** (2013.01 - EP US); **Y10T 137/7851** (2015.04 - EP US); **Y10T 137/87169** (2015.04 - EP US); **Y10T 137/87185** (2015.04 - EP US)

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