

Title (en)
Hydraulic device

Title (de)
Hydraulikeinrichtung

Title (fr)
Dispositif hydraulique

Publication
EP 1626184 B1 20120711 (DE)

Application
EP 05013447 A 20050622

Priority
DE 102004039483 A 20040814

Abstract (en)
[origin: EP1626184A2] Hydraulic device has a piston (2) inside a hydraulic cylinder (1) whereby the piston can be moved from its first position (E1) at one end into an opposite position (E2) at the other end of the cylinder. The hydraulic cylinder is connected to a delay device (8) fitted with auxiliary cylinder (9) with auxiliary piston (10) guided into it which can pause the movement of the piston in a halfway spot between the two positions. The auxiliary cylinder has two holes (16,17) for filling and emptying of hydraulic oil. A butterfly valve (14) can be connected within the auxiliary cylinder or piston to better determine the damping point.

IPC 8 full level
F15B 15/22 (2006.01)

CPC (source: EP US)
F15B 15/228 (2013.01 - EP US)

Cited by
CN102367827A; CN102536958A

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 1626184 A2 20060215; EP 1626184 A3 20100616; EP 1626184 B1 20120711; DE 102004039483 A1 20060223;
DE 102004039483 B4 20070301; ES 2391276 T3 20121123; US 2006032368 A1 20060216; US 7305913 B2 20071211

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