

Title (en)  
HYDRAULIC SUPPORT ELEMENT

Title (de)  
HYDRAULISCHES ABSTÜTZELEMENT

Title (fr)  
ELEMENT SUPPORT HYDRAULIQUE

Publication  
**EP 1646768 A1 20060419 (DE)**

Application  
**EP 04735883 A 20040603**

Priority  
• EP 2004005976 W 20040603  
• DE 10332362 A 20030717

Abstract (en)  
[origin: DE10332362A1] The hydraulic support element (1) comprises a pressure piston (4) which is made of glass- or carbon-fiber reinforced plastic at the edge (6) of the overlapping end (5) of its housing, as well as at least a section (13) connected to the inside of its housing (2) and running to near the non-return valve.

IPC 1-7  
**F01L 1/24**

IPC 8 full level  
**F01L 1/24** (2006.01)

CPC (source: EP US)  
**F01L 1/2405** (2013.01 - EP US); **F01L 2301/00** (2020.05 - EP US); **F01L 2303/00** (2020.05 - EP US); **Y10T 74/2107** (2015.01 - EP US)

Citation (search report)  
See references of WO 2005017323A1

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**DE 10332362 A1 20050203**; DE 502004001919 D1 20061214; EP 1646768 A1 20060419; EP 1646768 B1 20061102;  
US 2006137638 A1 20060629; US 7261075 B2 20070828; WO 2005017323 A1 20050224

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**DE 10332362 A 20030717**; DE 502004001919 T 20040603; EP 04735883 A 20040603; EP 2004005976 W 20040603; US 56294105 A 20051229