

Title (en)

FILTER DEVICE, ESPECIALLY FOR FILTERING LIQUIDS IN INTERNAL COMBUSTION ENGINES

Title (de)

FILTEREINRICHTUNG, INSBESONDERE ZUR FLÜSSIGKEITSFILTERUNG IN BRENNKRAFTMASCHINEN

Title (fr)

DISPOSITIF FILTRANT, NOTAMMENT POUR LA FILTRATION DE LIQUIDES DANS DES MOTEURS A COMBUSTION INTERNE

Publication

**EP 1888198 A2 20080220 (DE)**

Application

**EP 06763122 A 20060512**

Priority

- EP 2006062266 W 20060512
- DE 202005007869 U 20050513

Abstract (en)

[origin: WO2006120242A2] Disclosed is a filter device, especially for filtering liquids in internal combustion engines, comprising a filter element that is to be penetrated in a radial direction and is disposed in a filter housing. An overflow valve is arranged between the raw side and the pure side of the filter element and is displaced into an open position in case the pressure of the liquid exceeds a threshold value on the raw side of the filter element. The valve member of the overflow valve is embodied as a sealing tube.

IPC 8 full level

**B01D 27/10** (2006.01); **B01D 35/147** (2006.01)

CPC (source: EP US)

**B01D 27/101** (2013.01 - EP US); **B01D 27/106** (2013.01 - EP US); **B01D 35/147** (2013.01 - EP US); **B01D 35/153** (2013.01 - EP US); **B01D 35/30** (2013.01 - EP US); **B01D 2201/16** (2013.01 - EP US); **B01D 2201/162** (2013.01 - EP US); **B01D 2201/301** (2013.01 - EP US); **B01D 2201/4046** (2013.01 - EP US); **B01D 2201/4076** (2013.01 - EP US); **B01D 2201/4084** (2013.01 - EP US); **B01D 2201/4092** (2013.01 - EP US)

Citation (search report)

See references of WO 2006120242A2

Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

**DE 202005007869 U1 20060921**; AR 055945 A1 20070912; BR PI0610813 A2 20100727; CN 101198389 A 20080611; EP 1888198 A2 20080220; JP 2008540914 A 20081120; US 2009127170 A1 20090521; WO 2006120242 A2 20061116; WO 2006120242 A3 20070726

DOCDB simple family (application)

**DE 202005007869 U 20050513**; AR P060101927 A 20060512; BR PI0610813 A 20060512; CN 200680016413 A 20060512; EP 06763122 A 20060512; EP 2006062266 W 20060512; JP 2008510588 A 20060512; US 91425206 A 20060512