

Title (en)  
Hydraulic separator

Title (de)  
Hydraulische Weiche

Title (fr)  
Vase de découplage

Publication  
**EP 1612489 A1 20060104 (EN)**

Application  
**EP 05076170 A 20050518**

Priority  
NL 1026533 A 20040630

Abstract (en)  
The invention relates to a hydraulic separator to be fitted between a primary liquid circuit and a secondary liquid circuit, in such a manner that the first and secondary liquid circuits are hydraulically independent. The hydraulic separator has an elongate body with an internal space which is delimited by a wall. In the internal space there is a feed port leading to the primary liquid circuit and a discharge port leading from the primary liquid circuit, which are located substantially on one longitudinal side of the hydraulic separator. Also in the internal space there is a feed port leading to the secondary liquid circuit and a discharge port leading from the secondary liquid circuit, which are located substantially on a different longitudinal side of the hydraulic separator. The feed port leading to the primary liquid circuit and the discharge port leading from the secondary liquid circuit are located substantially at a first height region of the hydraulic separator. The discharge port leading from the primary liquid circuit and the feed port leading to the secondary liquid circuit are located substantially at a different, second height region of the hydraulic separator. In the internal space of the hydraulic separator, both in the first height region and in the second height region, there is a set of open filler bodies which have a large surface area in relation to the volume which they take up.

IPC 8 full level  
**F24D 3/10** (2006.01)

CPC (source: EP)  
**F24D 3/10** (2013.01); **F24D 3/1091** (2013.01)

Citation (search report)  
• [A] DE 4407807 A1 19950914 - KRZYLIK WERNER [DE]  
• [A] FR 2737282 A1 19970131 - FINANC & COMM CHABLAIS [FR]

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