

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.

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F24D 3/10 (2006.01)

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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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