

Title (en)
MAGNETIC FILTER

Publication
EP 0009467 A3 19800430

Application
EP 79810096 A 19790917

Priority
CH 989278 A 19780921

Abstract (en)
[origin: US4293410A] The magnetic filter has a magnetic cylinder (2) pivotally mounted in a housing (1) and having an inclined stripper (14). The bottom of the cylinder (2) is surrounded by a casing (5), whereby a flow channel (6) for the medium to be filtered is created between the cylinder (2) and the casing (5). One portion (5b) of the casing (5) can be mobile so that the flow-channel profile section can be changed. Decreasing the channel profile section causes an increase in the flow resistance, resulting in a backwash, so that even in cases of small quantities the level and hence the inflow characteristic of the filter is approximately the same as that of the full-load quantity.

IPC 1-7
B03C 1/28; **B03C 1/02**; **B03C 1/10**; **B01D 35/06**; **C10M 11/00**

IPC 8 full level
B01D 35/06 (2006.01); **B03C 1/02** (2006.01); **B03C 1/10** (2006.01); **B03C 1/12** (2006.01); **B03C 1/28** (2006.01); **C10M 175/00** (2006.01)

CPC (source: EP US)
B03C 1/02 (2013.01 - EP US); **B03C 1/10** (2013.01 - EP US); **B03C 1/12** (2013.01 - EP US); **B03C 1/284** (2013.01 - EP US); **C10M 175/0058** (2013.01 - EP US)

Citation (search report)
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EP 0009467 A2 19800402; **EP 0009467 A3 19800430**; **EP 0009467 B1 19810923**; AT E237 T1 19811015; DE 2960898 D1 19811210; JP S5597262 A 19800724; US 4293410 A 19811006

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