

Title (en)  
APPARATUS FOR MAGNETIC SEPARATION OF IMPURITIES FROM FLUIDS

Publication  
**EP 0341824 A3 19910515 (EN)**

Application  
**EP 89303493 A 19890410**

Priority  
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Abstract (en)  
[origin: EP0341824A2] Disclosed is an apparatus for efficiently effecting a high gradient magnetic separation process. This apparatus for purifying impurities in fluids provides a plurality of filter elements with a frame stretched with ferromagnetic linear bodies which are contained in fluid flowpassage in a non-magnetic case, a magnetizing device disposed externally on side walls of the non-magnetic case, and washing means for washing the filter elements, whereby magnetic impurities in the fluid can be captured efficiently, and backwashing can be easily accomplished.

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**B03C 1/025** (2013.01); **B03C 1/029** (2013.01); **B03C 1/032** (2013.01); **B03C 1/034** (2013.01)

Citation (search report)  
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• [A] PATENT ABSTRACTS OF JAPAN, vol. 2, no. 103 (M-78), 24th August 1978, page 3168 M 78; & JP-A-53 072 273 (DAIDO SEIKO K.K.) 27-06-1978  
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• [A] PATENT ABSTRACTS OF JAPAN, vol. 4, no. 20 (M-92), 19th February 1980, page 140 M 92; & JP-A-54 158 767 (NIPPON DENKI K.K.) 14-12-1979.

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