

Title (en)  
BIDIRECTIONAL WORKING FILTER

Title (de)  
BIDIREKTIONAL ARBEITENDER FILTER

Title (fr)  
FILTRE HYDRAULIQUE BIDIRECTIONNEL

Publication  
**EP 1626795 A2 20060222 (EN)**

Application  
**EP 03758406 A 20031024**

Priority  
• IB 0304710 W 20031024  
• EP 03075122 A 20030109

Abstract (en)  
[origin: WO2004062768A1] Method enabling the use of a one way replacement micro filter device as a replacement filter device for a conventional, solely full flow filter device, the device including a by pass filtering element and a full flow filtering element, and comprising a preferably cylindrical housing, having an oil inlet and an oil outlet, and preferably being set up for mounting in lieu of a conventional full flow filter device, the device being provided with an oil passage system (5, 14, 15, 18, 21, 6; 5, 14, 15, 16, 17, 18, 21, 6) for securing an immediate and full passage of an incoming oil flow through said full flow filter element, and for subsequently realising a flow of part of such incoming and primary filtered flow through said by pass filter by the incorporation of a venturi arrangement (18, 19, 20) know per se in said system via which the other part of primary filtered oil passes directly.

IPC 1-7  
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CPC (source: EP)  
**B01D 29/114** (2013.01); **B01D 35/02** (2013.01); **B01D 35/15** (2013.01); **B01D 35/157** (2013.01); **B01D 35/30** (2013.01); **B01D 2201/34** (2013.01)

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