

Title (en)  
SELF CLEANING FILTER ARRANGEMENT

Title (de)  
SELBSTREINIGENDE FILTERANORDNUNG

Title (fr)  
AGENCEMENT DE FILTRE À AUTO-NETTOYAGE

Publication  
**EP 2638201 A1 20130918 (EN)**

Application  
**EP 11840019 A 20111108**

Priority  
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Abstract (en)  
[origin: WO2012061880A1] A self-cleaning system for a filter (6.010) includes a filter element (6.038); a filter housing (6.030) with first, second, and third ports (6.032, 6.034, 6.036); the first port being a fluid inlet; the second port being a fluid outlet, and the third port being a recirculation outlet, the first and second ports being on the upstream side of the filter element; the third port being on the downstream side of the filter element; enabling primary and transverse flow through the filter; whereby reverse flow via the third port is used to clean the filter element; the system including a one-way valve (4.040) connected to the second port to inhibit reflux of drain fluid into filter. A recirculation pump (3.014) and a drain pump (3.016) are controlled to periodically drain the lint removed from the filter to the system drain.

IPC 8 full level  
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