

Title (en)
OIL CIRCUIT WITH FILTERS, IN PARTICULAR FOR MARINE ENGINES

Title (de)
ÖLKREISLAUF MIT FILTERN, INSBESONDERE FÜR SCHIFFSMOTOREN

Title (fr)
CIRCUIT D'HUILE AVEC FILTRES, EN PARTICULIER POUR MOTEURS MARINS

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Application
EP 16810058 A 20161116

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Abstract (en)
[origin: WO2017085643A1] SUMMARY The invention relates to an oil circuit for an engine, preferably a marine engine, comprising an oil sump 2 and at least one supply loop 20, which is suppliable with oil from the oil sump 2, has at least one oil-consuming unit and routes back into the oil sump 2, and which has a main pump 3 and a plurality of filters. One of the filters is a simple filter 25 with a filter area 26, and a further filter is a self-cleaning backwash filter 11 with a backwashable filter area (13), which has an inlet 12, a clean oil outlet 14 and a backwash outlet15, which opens out into a line branch 24 containing at least one means for the treatment of the scavenging oil. In order to create an oil circuit of simple construction on a low-cost basic concept, which also enables a continuous improvement of the quality of the oil circulating in the supply loop according to the invention the inlet 12 of the backwash filter, in dependence on the switching status of at least one switching valve 23, is suppliable with oil by the main pump, selectively via a first line section 22 or a second line section 21, wherein in the second line section 21 is arranged a simple filter.

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