

Title (en)  
CENTRIFUGE FOR CLEANING A LIQUID

Title (de)  
ZENTRIFUGE ZUM REINIGEN EINER FLÜSSIGKEIT

Title (fr)  
CENTRIFUGEUSE DESTINÉE À L'ÉPURATION D'UN LIQUIDE

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Application  
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Abstract (en)  
[origin: US7959547B2] The invention relates to a centrifuge for the cleaning of a liquid, in particular a lubricant oil of an internal combustion engine. Said centrifuge comprises a housing, at least one bearing element on the housing side and a rotor which is rotatably mounted thereon. The rotor is composed of at least two parts, an inner part for accommodating the bearing and a part for retaining impurities in an impurity collection zone, wherein said part may be detached from the inner part for maintenance of the centrifuge. The centrifuge is characterized in that the/each bearing element is an element composed of a first bearing material and comprises one or more first smooth bearing surfaces. The inner part, embodied as a single piece, is made of a second bearing material and provided with one or more second smooth bearing surfaces. First and second bearing surfaces cooperate directly among each other, and the first and second bearing materials form a pair of smooth bearing materials.

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