

Title (en)  
CENTRIFUGAL PUMP COMPRISING A CUTTING DEVICE

Title (de)  
KREISELPUMPE MIT SCHNEIDVORRICHTUNG

Title (fr)  
POMPE CENTRIFUGE À DISPOSITIF DE COUPE

Publication  
**EP 3090185 A1 20161109 (DE)**

Application  
**EP 15713648 A 20150325**

Priority  
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Abstract (en)  
[origin: WO2015144307A1] The invention relates to a centrifugal pump, in particular a waste-water motor pump or dirty-water motor pump, comprising an impeller (3), the side of which facing the pump suction port forms an opening and the side of which facing away from the suction port is covered by a support plate (8) to which the curved blades (14) are fastened, in particular molded. A cutting insert (13) projects into the interior of the impeller, coaxially with the impeller axis, said insert having at least one cutting edge (21) which forms a cutting device together with a mating cutting edge (22) of the impeller.

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