

Title (en)
Centrifugal slurry pump

Title (de)
Abwasserkreiselpumpe

Title (fr)
Pompe centrifuge pour des eaux usées

Publication
EP 1300594 B1 20091021 (DE)

Application
EP 02020035 A 20020906

Priority
DE 20114891 U 20010910

Abstract (en)
[origin: EP1300594A1] A submersible pump for waste water has a centrifugal pump with support feet to stand on the bottom of a sump, and powered by an electric motor on top of the pump. The water intake is centrally under the pump and is fitted with a rotating cutting disc to shred any solids. The disc is accessible without having to dismantle the pump housing. It can be fitted using a bayonet coupling or is fitted with a thread which self tightens when the pump operates.

IPC 8 full level
F04D 29/60 (2006.01); **F04D 7/04** (2006.01); **F04D 29/22** (2006.01); **F04D 29/42** (2006.01)

CPC (source: EP)
F04D 7/045 (2013.01)

Cited by
CN103382939A; CN110541830A; CN100432448C; AU2004293638B2; EA008561B1; US8210808B2; WO2005052378A1; EP2660473A1; US9500204B2; WO2011079892A1; EP2348220A1; US9234523B2

Designated contracting state (EPC)
DE FR GB IT NL

DOCDB simple family (publication)
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