

Title (en)
Pump with a cutting device

Title (de)
Pumpe mit einer Schneideinrichtung

Title (fr)
Pompe munie d'un dispositif pour broyer

Publication
EP 0911527 B1 20010221 (DE)

Application
EP 97118599 A 19971025

Priority
EP 97118599 A 19971025

Abstract (en)
[origin: EP0911527A1] Blade (4) or blades are mounted to rotate with the impeller and act against mating blades (5), formed in the conical surface (6a) of a fixed cover (6) by cut-outs (9) running radial to the conical surface. The cutting blade is positioned at an angle (10) to the direction of rotation (11) of the impeller and returns to rotation direction increasingly with radial distance from the centre (13).

IPC 1-7
F04D 7/04; **B02C 18/40**

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

CPC (source: EP)
B02C 18/0092 (2013.01); **F04D 7/045** (2013.01); **F04D 29/4273** (2013.01)

Cited by
DE102011112580A1; CN110541830A; CN102889248A; DE102004007739A1; EP1335134A1; DE102011112580B4; CN103557154A; CN104888907A; US7390179B2

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