

Title (en)

Mounting means for the knives of a rotor cutter

Title (de)

Messerbefestigung für die Schneidmesser eines Schneidrotors

Title (fr)

Dispositif de fixation des couteaux dans un rotor de coupe

Publication

EP 0879680 A3 19991103 (DE)

Application

EP 98810352 A 19980422

Priority

CH 93397 A 19970422

Abstract (en)

[origin: EP0879680A2] Knives (1) are clamped in longitudinal grooves (201) of the rotary cutter rotor body (2) e.g. for granulation of extruded plastic, by screws (3). An area (502) of a plate (5) is inserted into the groove so that one side (103) of the blade presses against it. The area of the plate (501) above the groove is bent over to bear against the surface (202) of the rotor body between adjacent knife grooves to protect it from abrasive wear by the material being cut. Preferably, the area of the sheet in the groove is corrugated and the area exposed to wear is joined to it by e.g. welding, being a wear-resistant material or being coated with ceramic or hard metal.

IPC 1-7

B26D 7/26

IPC 8 full level

B26D 7/26 (2006.01); **B27L 11/00** (2006.01)

CPC (source: EP)

B26D 7/2628 (2013.01); **B27L 11/005** (2013.01)

Citation (search report)

- [A] EP 0033382 A2 19810812 - HOMBAK MASCHF GMBH [DE]
- [A] DE 2932582 A1 19810226 - PALLMANN KG MASCHF
- [A] DE 1199477 B 19650826 - CONDUCT WERK
- [A] EP 0095912 A2 19831207 - HARRIS GRAPHICS CORP [US]
- [A] DE 19518609 C1 19960201 - MAIER ZERKLEINERUNGSTECH GMBH [DE]
- [A] DE 722157 C 19420702 - JAGENBERG WERKE AG

Cited by

DE102016123079A1; WO03055657A1

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