

Publication

EP 0873791 A3 19981125

Application

EP 97250289 A 19970925

Priority

US 84243797 A 19970424

Abstract (en)

[origin: EP0873791A2] A rotor for shredders and hammermills includes a rotor body having an outer cylindrical surface extending along an axis, a plurality of axially spaced concavities (64) defined on the outer cylindrical surface and a hammer (13) supported within each concavity. The outer cylindrical surface has a convex surface (72) radially extending at least ninety degrees about the axis. Each concavity (64) is radially offset from an adjacent concavity. The outer cylindrical surface is preferably protected by a liner system comprising a plurality of individual wear caps (88) mating end-to-end and side-by-side about the outer convex surface of the rotor, each wear cap being reversible and interchangeable.

IPC 1-7

B02C 13/28; **B02C 13/04**

IPC 8 full level

B02C 13/04 (2006.01); **B02C 13/28** (2006.01)

CPC (source: EP)

B02C 13/28 (2013.01); **B02C 2013/2808** (2013.01)

Citation (search report)

- [X] FR 2523872 A1 19830930 - MACH APPLIC ENVIRONNEMENT [FR]
- [X] WO 9626009 A1 19960829 - SVEDALA ARBRA AB [SE], et al
- [A] DE 9319599 U1 19940210 - LINDEMANN MASCHFAB GMBH [DE]
- [X] US 4406415 A 19830927 - GREER JACK B [US]
- [A] US 4830294 A 19890516 - HAEUSLER DIETRICH [DE], et al

Cited by

CN102343294A; EP1127620A1; CN117680224A; EP1205249A1; EP1591229A3; DE102014006354A1; DE102014006354B4; WO2022162521A1

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