

Title (en)
Single cutter shredder

Title (de)
Dokumentenvernichter mit einer Schneidwalze

Title (fr)
Déchiqueteur de documents avec un rouleau de coupe

Publication
EP 1493488 A1 20050105 (EN)

Application
EP 03007687 A 20030403

Priority
EP 03007687 A 20030403

Abstract (en)
The present invention is a single cutter shredder, mainly comprises: a cutter frame (1), a holder (2), a rotary cutter (3) and a feeding assembly (4). The single cutter shredder cut paper into countless paper chips by the shearing force between the rotary cutter formed from a plurality of cutters inserted into corresponding number of slits in a cutter-shaft, and a fixed cutter mounted to the holder.

IPC 1-7
B02C 18/00; B02C 18/06; B02C 18/14; B02C 18/18; B26D 1/38

IPC 8 full level
B26D 1/38 (2006.01)

CPC (source: EP)
B26D 1/385 (2013.01)

Citation (search report)

- [Y] US 5445054 A 19950829 - PRYOR JAMES W [US]
- [Y] IT 1221939 B 19900831 - FIMA SPA [IT]
- [Y] EP 0111038 A1 19840620 - CLAYTON SOCIETE COMP [FR]
- [Y] GB 1518844 A 19780726 - HITACHI METALS LTD
- [YA] DE 1922105 A1 19710519 - BUSCH GEORG
- [YA] US 3353754 A 19671121 - HEIJNIS JAMES W I, et al
- [A] DE 4400297 A1 19950713 - ECO UMWELTTECHNIK VERTRIEBS GM [DE]
- [A] US 4244251 A 19810113 - IWA0 SOUICHI, et al

Cited by
CN107225031A

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 1493488 A1 20050105

DOCDB simple family (application)
EP 03007687 A 20030403