

Title (en)

Blade ring-type chip shredder for cutting coarse chips

Title (de)

Messerring-Zerspaner zum Zerspanen von Hackschnitzeln

Title (fr)

Déchiqueteuse à lames-couronne pour couper des copeaux

Publication

EP 1050390 B1 20060816 (DE)

Application

EP 00108300 A 20000414

Priority

DE 19921597 A 19990507

Abstract (en)

[origin: US6561885B1] A ring cutter that cuts chips with a ring of knives. Two carrier rings enclose a collar of knife packets. Each knife packet includes a knife clamped between a knife carrier a clamping plate with a cutting edge of the knife pointing to the inside of the ring. Fastening screws are threaded through a borehole in the clamping plate and an opening in the knife and are screwed into a threaded borehole in the knife carrier. One of the fastening screws is configured as an alignment pin.

IPC 8 full level

B02C 18/18 (2006.01); **B27L 11/00** (2006.01); **B02C 18/14** (2006.01)

CPC (source: EP US)

B27L 11/005 (2013.01 - EP US)

Designated contracting state (EPC)

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DOCDB simple family (publication)

US 6561885 B1 20030513; AT E336346 T1 20060915; BR 0002084 A 20010102; DE 19921597 C1 20000727; DE 50013318 D1 20060928; DK 1050390 T3 20061227; EP 1050390 A2 20001108; EP 1050390 A3 20040428; EP 1050390 B1 20060816; ES 2269036 T3 20070401; JP 2000350940 A 20001219

DOCDB simple family (application)

US 56186400 A 20000428; AT 00108300 T 20000414; BR 0002084 A 20000508; DE 19921597 A 19990507; DE 50013318 T 20000414; DK 00108300 T 20000414; EP 00108300 A 20000414; ES 00108300 T 20000414; JP 2000133966 A 20000502