

Title (en)
Cutting device

Title (de)
Schneidvorrichtung

Title (fr)
Dispositif de coupe

Publication
EP 0744368 B1 20011031 (DE)

Application
EP 96107639 A 19960514

Priority
DE 19518650 A 19950520

Abstract (en)
[origin: EP0744368A2] The device has a cutter cylinder (8) with blades (13), acting with a counter cylinder (4) with stationary cutter rails (16). A first cutter cylinder carrier (3) rotates at a first set RPM. The cylinder is located on the carrier, and rotates at a second RPM. The cylinder is phase-adjustable relative to the carrier. The speeds of cylinder and carrier are adapted to each other, so that during the cutting process, the blade executes a cutting movement, which is approx. radial to a pivot axis (7) of the counter cylinder.

IPC 1-7
B65H 35/00; **B26D 1/62**

IPC 8 full level
B26D 1/40 (2006.01); **B26D 1/42** (2006.01); **B26D 1/62** (2006.01); **B65H 35/00** (2006.01); **B65H 35/08** (2006.01); **B65H 45/28** (2006.01)

CPC (source: EP US)
B26D 1/626 (2013.01 - EP US); **B65H 35/08** (2013.01 - EP US); **B65H 45/28** (2013.01 - EP US); **B26D 2007/2671** (2013.01 - EP US); **Y10T 83/4711** (2015.04 - EP US); **Y10T 83/4812** (2015.04 - EP US); **Y10T 83/483** (2015.04 - EP US)

Designated contracting state (EPC)
CH DE FR GB IT LI SE

DOCDB simple family (publication)
DE 19518650 C1 19961024; DE 59608039 D1 20011206; EP 0744368 A2 19961127; EP 0744368 A3 19971203; EP 0744368 B1 20011031; JP 2849068 B2 19990120; JP H08336792 A 19961224; US 5692440 A 19971202

DOCDB simple family (application)
DE 19518650 A 19950520; DE 59608039 T 19960514; EP 96107639 A 19960514; JP 12200196 A 19960516; US 65079096 A 19960520