

Title (en)
DEVICE FOR ROTATIONAL CUTTING OF BAND-SHAPED MATERIAL

Title (de)
VORRICHTUNG ZUM ROTATIONSSCHNEIDEN VON BAHNFÖRMIGEM MATERIAL

Title (fr)
DISPOSITIF DE COUPE PAR ROTATION D'UN MATERIAU EN FORME DE BANDE

Publication
EP 0952905 A1 19991103 (DE)

Application
EP 98902999 A 19980113

Priority
• DE 29700627 U 19970116
• EP 9800148 W 19980113

Abstract (en)
[origin: US2002031982A1] The invention relates to a device for rotational cutting of band-shaped material, comprising a rotational cutting cylinder which is fitted with at least one cutting edge and a counter-tool, wherein the band-shaped material is passed between the counter-tool and the rotational cutting roller. The rotational cutting roller is fitted with at least one, and specially two thrust collars placed in the circumference of the counter-tool, which determine the feed motion of the cutting edge towards the counter-tool. According to the invention, at least one sharpening device having at least one sharpening element is provided, which can be placed on the thrust collar or collars or on the counter-tool, said sharpening element removing material from the thrust collars or the counter-tool.

IPC 1-7
B26D 7/26; **B24B 5/36**

IPC 8 full level
B24B 3/36 (2006.01); **B24B 5/36** (2006.01); **B26D 7/08** (2006.01); **B26D 7/26** (2006.01)

CPC (source: EP US)
B24B 3/368 (2013.01 - EP US); **B26D 7/08** (2013.01 - EP US)

Citation (search report)
See references of WO 9831517A1

Cited by
EP2042279A1

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)
US 2002031982 A1 20020314; AT E210008 T1 20011215; CA 2268921 A1 19980723; DE 29700627 U1 19970918; DE 59802322 D1 20020117; EP 0952905 A1 19991103; EP 0952905 B1 20011205; WO 9831517 A1 19980723

DOCDB simple family (application)
US 26920299 A 19990331; AT 98902999 T 19980113; CA 2268921 A 19980113; DE 29700627 U 19970116; DE 59802322 T 19980113; EP 9800148 W 19980113; EP 98902999 A 19980113