

Title (en)

PROTECTIVE COVER FOR A COUNTER-DIE CYLINDER OF A DIE CUTTING MACHINE

Title (de)

SCHUTZABDECKUNG FÜR EINEN GEGENSTEMPELZYLINDER EINER STANZMASCHINE

Title (fr)

COUVERCLE DE PROTECTION POUR UN CYLINDRE CONTRE-POINÇON D'UNE MACHINE DE DÉCOUPAGE À L'EMPORTE-PIÈCE

Publication

EP 4122660 A1 20230125 (EN)

Application

EP 21382655 A 20210720

Priority

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Abstract (en)

The invention relates to a protective cover for a counter-die cylinder of a die cutting machine, formed by adaptable bands (4) around the counter-die cylinder (3) forming a cylindrical cover freely rotatable around said counter-die cylinder (3), connectable to one another by means of connector means on the sides of the bands (4), and stop rings (5) arranged on the sides of the set of bands (4) for preventing the movement of said bands (4) in the longitudinal direction of the counter-die cylinder (3). The bands (4) have an outer layer (6), an intermediate web (7) and an inner layer (8), which, when in use, contacts the counter-die cylinder (3). The connector means have tongues (9) arranged in the inner layer (8) on one side of the bands (4), insertable in corresponding housings (10) arranged in the inner layer, on the opposite side of the contiguous band (4), the tongues (9) having a width (a) greater than their thickness (e).

IPC 8 full level

B26F 1/38 (2006.01); **B26D 7/20** (2006.01)

CPC (source: EP)

B26D 7/204 (2013.01); **B26F 1/384** (2013.01)

Citation (applicant)

- WO 2017000991 A1 20170105 - RODICUT IND S A U [ES]
- EP 2210718 A2 20100728 - ROTARY DIECUTTING MONTENEGRO S [ES]
- US 2007028741 A1 20070208 - RUHLAND KARL [DE], et al
- WO 2015175626 A1 20151119 - DICAR INC [US]

Citation (search report)

- [A] US 5906149 A 19990525 - MONTENEGRO CRIADO MANUEL [ES]
- [AD] EP 2210718 A2 20100728 - ROTARY DIECUTTING MONTENEGRO S [ES]

Designated contracting state (EPC)

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DOCDB simple family (application)

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