

Title (en)
A ROLLER CUTTER UNIT, PARTICULARLY FOR RIBBON MATERIALS

Title (de)
ROLLENSCHNEIDEEINHEIT, INSBESONDERE FÜR BANDMATERIALIEN

Title (fr)
UNITÉ DE COUPE À ROULEAUX, NOTAMMENT POUR MATÉRIAUX DE RUBAN

Publication
EP 3401066 A1 20181114 (EN)

Application
EP 18171151 A 20180508

Priority
IT 201700050040 A 20170509

Abstract (en)
A roller cutter unit, particularly for spongy ribbon materials, characterised in that it comprises a load-bearing frame (2) equipped with support means (3) adapted to support a cutter roller (4), arranged between a first anvil roller (6) and a second anvil roller (5); said rollers (4, 5, 6) having parallel rotation axes; said cutter roller (4) being motorised and dragging said anvil rollers (5, 6) into rotation or vice versa, when a ribbon (7) is inserted between said cutter roller (4) and said anvil rollers (5, 6); said cutter roller (4) having cutting means which cut said ribbon (7) at least twice, during a first passage of the ribbon (7) between the cutter roller (4) and the first anvil roller (6), and during a second passage of the ribbon (7) between the cutter roller (4) and the second anvil roller (5); said cutting means of the cutter roller (4) being arranged on the cutter roller (4) so that during the second passage the ribbon (7) is cut for a second time, in exactly the same point as the incision during the first passage.

IPC 8 full level
B26D 1/40 (2006.01); **B26D 3/08** (2006.01); **B26D 7/26** (2006.01); **B26F 1/38** (2006.01)

CPC (source: EP)
B26D 1/405 (2013.01); **B26D 3/08** (2013.01); **B26D 7/265** (2013.01); **B26F 1/384** (2013.01)

Citation (search report)
• [A] US 2004149095 A1 20040805 - MIYATAKE TAKASHI [JP], et al
• [A] US 2016176061 A1 20160623 - BAYZELON FRANCOIS [CA], et al
• [A] EP 3153285 A1 20170412 - SANDVIK INTELLECTUAL PROPERTY [SE]
• [A] CN 104985632 A 20151021 - LONG YOUNG ELECTRONICS KUNSHAN CO LTD
• [A] DE 842587 C 19520630 - DORNBUSCH & CO

Cited by
CN112045727A

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3401066 A1 20181114; **EP 3401066 B1 20200101**; IT 201700050040 A1 20181109

DOCDB simple family (application)
EP 18171151 A 20180508; IT 201700050040 A 20170509