

Title (en)

A FORMING UNIT FOR A PROFILING MACHINE LINE

Title (de)

UMFORMEINHEIT FÜR EINE PROFILIERUNGSANLAGE

Title (fr)

UNITÉ DE FORMAGE POUR UNE LIGNE DE MACHINES À PROFILER

Publication

EP 3243577 A3 20180124 (EN)

Application

EP 17169403 A 20170504

Priority

IT UA20163295 A 20160510

Abstract (en)

[origin: EP3243577A2] A forming unit for a profiling machine line, comprising: a plurality of lower rollers (11,12,13) shaped with outer surfaces that envelop, on at least a transversal section plane, a lower curve (P1); a plurality of upper rollers (21,22,23,24,25) profiled with outer surfaces that envelop, on the transversal section plane, an upper curve (P2) substantially parallel to the lower curve (P1).

IPC 8 full level

B21C 37/08 (2006.01); **B21D 5/12** (2006.01)

CPC (source: EP US)

B21C 37/08 (2013.01 - EP US); **B21D 5/12** (2013.01 - EP US)

Citation (search report)

- [X] JP 2016022534 A 20160208 - SANYO SEIKI KK
- [A] DE 2608410 A1 19770908 - HIRZ KURT
- [X] US 2012795 A 19350827 - PARK LAWRENCE H

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 3243577 A2 20171115; EP 3243577 A3 20180124; EP 3243577 B1 20200219; IT UA20163295 A1 20171110; JP 2017202524 A 20171116; US 2017326609 A1 20171116

DOCDB simple family (application)

EP 17169403 A 20170504; IT UA20163295 A 20160510; JP 2017092861 A 20170509; US 201715588747 A 20170508