

Title (en)
IMPROVED EMBOSSING ASSEMBLY FOR SHEET MATERIAL AND RELATIVE AUTOMATIC EMBOSSING ROLLERS CHANGE SYSTEM

Title (de)
VERBESSERTE PRÄGEANORDNUNG FÜR FOLIENMATERIAL UND ENTSPRECHENDES AUTOMATISCHES PRÄGEWALZENWECHSELSYSTEM

Title (fr)
ENSEMBLE DE GAUFRAGE AMÉLIORÉ POUR MATÉRIAU STRATIFORME ET SYSTÈME DE CHANGEMENT AUTOMATIQUE DE ROULEAUX DE GAUFRAGE

Publication
EP 3272512 B1 20180711 (EN)

Application
EP 17181678 A 20170717

Priority
IT 201600076829 A 20160721

Abstract (en)
[origin: EP3272512A1] A description is given of an automatic change system of embossing rollers (4A, 4B) comprising an embossing machine (1) provided with an exchange station external thereto and a movable side panel with upper blocking means for said rollers attached integrally to said movable side panel, a rollers storage magazine and/or shuttle (80), an automatic bridge crane (61) provided with hooking means, where said bridge crane is apt to extract automatically at least one of said embossing rollers (4A, 4B) from said embossing machine (1) when in open configuration, to transfer said extracted roller into said exchange station (60) on said embossing machine (1), to take a first exchange roller from said roller storage magazine (80) to house it in said embossing machine in the position of said extracted roller, to transfer rollers onto a shuttle for the possible external use on other lines or for maintenance or for an external check without having to interrupt production.

IPC 8 full level
B31F 1/07 (2006.01); **B21B 31/10** (2006.01)

CPC (source: EP)
B31F 1/07 (2013.01); **B31F 2201/0753** (2013.01); **B31F 2201/0764** (2013.01); **B31F 2201/0776** (2013.01); **B31F 2201/0782** (2013.01); **B31F 2201/0787** (2013.01)

Cited by
US10773483B2; CN109968887A; CN117103903A; US11479010B2; US11654650B2; EP3500426B1; EP3747644A1

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

DOCDB simple family (publication)
EP 3272512 A1 20180124; EP 3272512 B1 20180711; IT 201600076829 A1 20180121

DOCDB simple family (application)
EP 17181678 A 20170717; IT 201600076829 A 20160721