

Title (en)

Individual suction system for a winding unit

Title (de)

Individuelles Saugsystem für eine Wickeleinheit

Title (fr)

Système d'aspiration individuel pour unité d'enroulement

Publication

EP 2322458 B1 20130313 (EN)

Application

EP 10190496 A 20101109

Priority

IT MI20092013 A 20091116

Abstract (en)

[origin: EP2322458A1] A winding unit served by a suction system which provides all the suction services required by the winding unit, in which such a suction system consists of a single suction device which individually equips each winding unit, each suction device being driven with a variable speed rotation rate value by the winding unit to give each time different depression values required by the winding organs.

IPC 8 full level

B65H 54/70 (2006.01); **B65H 67/08** (2006.01)

CPC (source: EP)

B65H 54/702 (2013.01); **B65H 54/707** (2013.01); **B65H 67/081** (2013.01); **B65H 2701/31** (2013.01)

Cited by

CN113018998A; EP3141508A1; CN112707244A; CN103848285A; EP3141507A1; EP2481700A1; ITMI20120638A1; EP2653423A1; ITPD20130135A1; EP2803612A1; CN104163360A

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 2322458 A1 20110518; **EP 2322458 B1 20130313**; CN 102060215 A 20110518; CN 102060215 B 20131218; IT 1396438 B1 20121123; IT MI20092013 A1 20110517

DOCDB simple family (application)

EP 10190496 A 20101109; CN 201010551264 A 20101116; IT MI20092013 A 20091116