

Title (en)

Method for strapping goods to be packaged with a strapping machine

Title (de)

Verfahren zum Umreifen eines Packguts mit einer Umreifungsmaschine

Title (fr)

Procédé de cerclage de produits à emballer à l'aide d'une machine de cerclage

Publication

EP 1990279 A3 20110112 (DE)

Application

EP 08007798 A 20080423

Priority

DE 102007022438 A 20070510

Abstract (en)

[origin: EP1990279A2] The method involves deadlock of processes in time duration between starting of removal of a packing product in a strapping cycle and ending of insertion of the packing product in band ends of a band, which is strapped in the strapping cycle. A drive (12) is stopped and a drive shaft (13) is rotated around 360 degree for continuously executing a strapping process without intermediate stopping in a new strapping cycle after finishing a back-clamping of the band around the packing product. Working components with a clamping device are controlled.

IPC 8 full level

B65B 13/32 (2006.01)

CPC (source: EP US)

B65B 13/32 (2013.01 - EP US)

Citation (search report)

- [A] EP 0095644 A2 19831207 - HOESCH WERKE AG [DE]
- [A] EP 1479609 A1 20041124 - SCHMETZER HELMUT [DE]
- [A] GB 2205806 A 19881221 - TAKAMI MASAHO
- [A] GB 2150523 A 19850703 - TAKAMI MASAHO

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 1990279 A2 20081112; EP 1990279 A3 20110112; EP 1990279 B1 20120627; DE 102007022438 B3 20081113; US 2008276577 A1 20081113; US 7716900 B2 20100518

DOCDB simple family (application)

EP 08007798 A 20080423; DE 102007022438 A 20070510; US 15002408 A 20080424