

Title (en)
WEB FEEDING AND GUIDING DEVICE FOR A PACKAGING MACHINE

Publication
EP 0126878 B1 19870909 (DE)

Application
EP 84103058 A 19840320

Priority
DE 3315419 A 19830428

Abstract (en)
[origin: US4601421A] A feeding means for feeding a material web in a packaging machine comprises feeding chains, sprocket wheels and an engagement element for feeding the feeding chains. In order to facilitate the insertion and clamping of the material web the engagement member is designed such that in a first portion of the travelling section the movable clamping member is lifted from the fixed clamping member in a substantially vertical direction and in a second portion of the travelling section following the first portion the movable clamping member is additionally moved laterally away from the edge of the material web to be gripped.

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B65B 41/14; **B65H 20/16**

IPC 8 full level
B65B 41/14 (2006.01); **B65H 20/16** (2006.01)

CPC (source: EP US)
B65B 41/14 (2013.01 - EP US); **B65H 20/16** (2013.01 - EP US); **B65H 2301/44338** (2013.01 - EP US); **B65H 2701/132** (2013.01 - EP US); **B65H 2801/81** (2013.01 - EP US)

Cited by
EP3278954A1; DE102016214431A1; EP0302534A3; DE102018218384A1; DE102018218385A1; CN103930349A; DE102011115881B4; EP1977983A1; US11021328B2; US10994960B2; DE102011115881A1; WO2013053484A1; US9321233B2; EP2070553B2

Designated contracting state (EPC)
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DOCDB simple family (publication)
US 4601421 A 19860722; AT E29449 T1 19870915; CA 1242467 A 19880927; DE 3315419 A1 19841031; DE 3465953 D1 19871015; EP 0126878 A1 19841205; EP 0126878 B1 19870909; ES 531972 A0 19841216; ES 8502047 A1 19841216; JP H0771963 B2 19950802; JP S59203044 A 19841117

DOCDB simple family (application)
US 59623884 A 19840402; AT 84103058 T 19840320; CA 452823 A 19840426; DE 3315419 A 19830428; DE 3465953 T 19840320; EP 84103058 A 19840320; ES 531972 A 19840427; JP 7256784 A 19840410