

Title (en)

PACKAGING MACHINE AND METHOD FOR PRODUCING PACKAGES

Title (de)

VERPACKUNGSMASCHINE UND VERFAHREN ZUR HERSTELLUNG VON GEBINDEN

Title (fr)

MACHINE D'EMBALLAGE ET PROCÉDÉ DE PRODUCTION D'EMBALLAGES

Publication

**EP 4013686 A1 20220622 (DE)**

Application

**EP 21724528 A 20210512**

Priority

- DE 102020207931 A 20200625
- EP 2021062710 W 20210512

Abstract (en)

[origin: WO2021259553A1] A packaging machine (10) for producing packages (12) is disclosed, which comprises at least one inflow (18) for feeding articles (14) and/or article groups (16) into the packaging machine (10), at least two application modules (20) for applying a strapping band and/or a packaging blank to one article group (16) each, and at least one discharging conveying device (24). At least one of the application modules (20) is able to be uncoupled and/or removed from the packaging machine (10) while the packaging machine (10) at least partially continues to operate. A corresponding method for producing packages (12) is also disclosed.

IPC 8 full level

**B65B 21/24** (2006.01); **B65B 5/02** (2006.01); **B65B 5/06** (2006.01); **B65B 11/00** (2006.01); **B65B 13/00** (2006.01); **B65B 13/02** (2006.01); **B65B 21/02** (2006.01); **B65B 59/02** (2006.01); **B65B 59/04** (2006.01); **B65B 65/00** (2006.01)

CPC (source: EP)

**B65B 21/02** (2013.01); **B65B 21/24** (2013.01); **B65B 59/02** (2013.01); **B65B 59/04** (2013.01); **B65B 65/006** (2013.01); **B65B 5/024** (2013.01); **B65B 5/06** (2013.01); **B65B 11/00** (2013.01); **B65B 13/02** (2013.01); **B65B 2210/02** (2013.01)

Citation (search report)

See references of WO 2021259553A1

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)

**DE 102020207931 A1 20211230**; CN 219382920 U 20230721; EP 4013686 A1 20220622; WO 2021259553 A1 20211230

DOCDB simple family (application)

**DE 102020207931 A 20200625**; CN 202190000521 U 20210512; EP 2021062710 W 20210512; EP 21724528 A 20210512