

Title (en)

FEEDING METHOD AND SYSTEM OF BLANKS OF PACKAGING MATERIAL TO A PACKAGING APPARATUS

Title (de)

VERFAHREN UND SYSTEM ZUM ZUFÜHREN VON ZUSCHNITTEN AUS VERPACKUNGSMATERIAL ZU EINER VERPACKUNGSVORRICHTUNG

Title (fr)

PROCÉDÉ ET SYSTÈME D'ALIMENTATION DE DÉCOUPES DE MATÉRIAU D'EMBALLAGE À UN APPAREIL D'EMBALLAGE

Publication

EP 4345016 A1 20240403 (EN)

Application

EP 23199700 A 20230926

Priority

IT 202200019866 A 20220927

Abstract (en)

Feeding method and system (11) of blanks (6) of packaging material (7) to a packaging apparatus (5); the feeding system (11) comprises: a conveyor (40) for feeding a series of blanks (6) to a sorting station (42); a transporter (43) placed below the conveyor (40) to move a stack of substantially flat articles (100) to a packaging station (45) through at least one station (46); a lifting device (47) at the intermediate station (46) to lower and to lift the stack of substantially flat articles (100); and a sorting unit (48) for transferring pairs of blanks (6) from the sorting station (42) to the intermediate station (46) and placing them appropriately on the transporter (43) which partially receive and support at least part of such a stack of substantially flat articles (100).

IPC 8 full level

B65B 23/20 (2006.01); **B65B 43/12** (2006.01)

CPC (source: EP)

B65B 23/20 (2013.01); **B65B 43/123** (2013.01)

Citation (applicant)

- IT 202200019866 A1
- WO 2012172485 A1 20121220 - NUOVA SIMA SPA [IT], et al

Citation (search report)

- [A] WO 2014091320 A1 20140619 - NUOVA SIMA SPA [IT]
- [A] US 2019039762 A1 20190207 - TORO ANDREA [IT]
- [A] WO 2012172485 A1 20121220 - NUOVA SIMA SPA [IT], et al
- [A] WO 2010061312 A2 20100603 - SACMI [IT], et al

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

EP 4345016 A1 20240403

DOCDB simple family (application)

EP 23199700 A 20230926