

Title (en)

DEVICE AND METHOD FOR FEEDING BLANKS TO A MACHINE FOR FURTHER PROCESSING

Title (de)

VORRICHTUNG UND VERFAHREN ZUM ZUFÜHREN ZUSCHNITTEN AN EINE MASCHINE ZUR WEITERVERARBEITUNG

Title (fr)

DISPOSITIF ET PROCÉDÉ POUR ALIMENTER DES FLANS DANS UNE MACHINE DE TRANSFORMATION ULTÉRIEURE

Publication

EP 3747808 B1 20231115 (EN)

Application

EP 20177978 A 20200603

Priority

IT 201900008109 A 20190605

Abstract (en)

[origin: EP3747808A1] A device for feeding blanks (100) to a packing machine, comprising feed means (2) for feeding a stack (P) of blanks (100) and at least one stop element (4) configured to allow or prevent picking up the front blank (100) of the stack (P), wherein the feed means (2) comprise at least one compensating belt (6) having an upper section (7) running parallel to the feed direction (A) of the stack (P) of blanks (100) and defining a bottom support of a predefined portion of the stack (P) of blanks (100) and wherein the compensating belt (6) is a suction belt connected to a pneumatic suction source and is associated with adjustment means configured to adjust the feed speed of the compensating belt (6) in such a way as to vary the thrust on the stop element (4). [Figure 1]

IPC 8 full level

B65H 1/02 (2006.01); **B65H 3/04** (2006.01); **B65H 3/12** (2006.01); **B65H 7/02** (2006.01)

CPC (source: EP)

B65H 1/025 (2013.01); **B65H 3/045** (2013.01); **B65H 3/124** (2013.01); **B65H 7/02** (2013.01); **B65H 2406/32** (2013.01); **B65H 2513/10** (2013.01); **B65H 2515/30** (2013.01); **B65H 2701/176** (2013.01)

C-Set (source: EP)

1. **B65H 2515/30** + **B65H 2220/01**
2. **B65H 2513/10** + **B65H 2220/02**

Citation (examination)

US 2012012440 A1 20120119 - GASSER MARCUS [DE], et al

Cited by

CN113799434A

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

DOCDB simple family (publication)

EP 3747808 A1 20201209; **EP 3747808 B1 20231115**; PL 3747808 T3 20240408

DOCDB simple family (application)

EP 20177978 A 20200603; PL 20177978 T 20200603