

Title (en)

METHOD AND DEVICE FOR STACKING AND PACKAGING OF FOLDED PRODUCTS

Title (de)

VERFAHREN UND VORRICHTUNG ZUM STAPELN UND VERPACKEN VON FALZPRODUKTEN

Title (fr)

PROCÉDÉ ET DISPOSITIF D'EMPILEMENT ET D'EMBALLAGE DE PRODUITS PLIÉS

Publication

**EP 3590850 A1 20200108 (DE)**

Application

**EP 18181106 A 20180702**

Priority

EP 18181106 A 20180702

Abstract (en)

[origin: KR20200003720A] A method of stacking and packaging grounding products (6) comprises the following steps of: forming a lamination (8) of the grounding products (6) arranged in an upright position, one after the other in rows in a transport direction (T); arranging the lamination of the grounding products (6) in a delivery area (10) above a receptacle (36) on at least one support element (39) supporting the lamination (8) perpendicular to the transport direction (T) in the delivery area (10); discharging the lamination (8) at right angles to the transport direction (T) by shifting or pivoting at least one support element (39); and pushing the lamination of the grounding products at right angles to the transport direction from the delivery area (10) into the receptacle (36) by a push device (12).

Abstract (de)

Das Verfahren zum Stapeln und Verpacken von Falzprodukten (6) umfasst folgende Schritte:- Bilden eines Stapels (8) von Falzprodukten (6), die in aufrechter Stellung in einer Transportrichtung (T) hintereinander angeordnet sind;- Anordnen des Stapels (8) von Falzprodukten (6) in einem Abgabebereich (10) in der Nähe einer Aufnahme (36); und- Verschieben des Stapels (8) von Falzprodukten (6) senkrecht zur Transportrichtung (T) aus dem Abgabebereich (10) in die Aufnahme (36) mittels einer Verschiebevorrichtung (12).

IPC 8 full level

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CPC (source: EP KR US)

**B65B 5/06** (2013.01 - KR); **B65B 5/068** (2013.01 - US); **B65B 5/106** (2013.01 - EP); **B65B 25/14** (2013.01 - KR); **B65B 25/141** (2013.01 - EP US); **B65B 25/145** (2013.01 - US); **B65B 35/40** (2013.01 - KR US); **B65B 35/50** (2013.01 - EP KR US)

Citation (search report)

- [X] EP 0271042 A2 19880615 - FICKER OTTO AG [DE]
- [X] EP 0154093 A2 19850911 - LABOMBARDE RAYMOND A [US], et al
- [X] US 4707970 A 19871124 - LABOMBARDE RAYMOND A [US], et al
- [X] GB 2050989 A 19810114 - BOBST SA
- [X] WO 9520523 A1 19950803 - JOPAMAC AB OY [FI], et al

Designated contracting state (EPC)

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Designated extension state (EPC)

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**EP 3590850 A1 20200108**; **EP 3590850 B1 20210505**; KR 102250495 B1 20210513; KR 20200003720 A 20200110; US 11130599 B2 20210928; US 2020002037 A1 20200102

DOCDB simple family (application)

**EP 18181106 A 20180702**; KR 20190075594 A 20190625; US 201916432585 A 20190605