

Title (en)

FOLDING APPARATUS AND PACKAGING MACHINE HAVING A FOLDING APPARATUS

Title (de)

FALZAPPARAT UND VERPACKUNGSMASCHINE MIT EINEM FALZAPPARAT

Title (fr)

APPAREIL DE PLIAGE ET MACHINE D'EMBALLAGE DOTÉE D'UN APPAREIL DE PLIAGE

Publication

EP 4357255 A1 20240424 (EN)

Application

EP 23203289 A 20231012

Priority

IT 202200021408 A 20221018

Abstract (en)

There is described a folding apparatus (16) for producing finalized packages (2) from semi-finalized packs (5) having a central main body (8), at least one flap (9) and at least one sealing fin. The folding apparatus (16) comprises at least a plurality of retaining pockets (32) and a conveying device (33). Each retaining pocket (32) comprises a respective folding device (45) configured to fold the respective sealing fin (10) and the respective flap (9). Each folding device (45) comprises a folding element (46) moveable between a rest position and an active position for folding the sealing fin (10) and the flap (9). The folding apparatus (16) further comprises an actuation unit (48) configured to move each folding element (46).

IPC 8 full level

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CPC (source: EP)

B65B 9/12 (2013.01); **B65B 9/20** (2013.01); **B65B 61/24** (2013.01)

Citation (search report)

- [A] EP 2284084 A1 20110216 - TETRA LAVAL HOLDINGS & FINANCE [CH]
- [A] EP 0061663 A2 19821006 - TETRA PAK INT [SE]
- [A] EP 4032819 A1 20220727 - TETRA LAVAL HOLDINGS & FINANCE [CH]

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)

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