

Title (en)

PACKAGING MACHINE AND METHOD FOR PRODUCING PACKAGES FROM A PACKAGING MATERIAL

Title (de)

VERPACKUNGSMASCHINE UND VERFAHREN ZUR HERSTELLUNG VON VERPACKUNGEN AUS EINEM VERPACKUNGSMATERIAL

Title (fr)

MACHINE D'EMBALLAGE ET PROCÉDÉ DE FABRICATION D'EMBALLAGES À PARTIR D'UN MATÉRIAU D'EMBALLAGE

Publication

EP 4335757 A1 20240313 (EN)

Application

EP 23194607 A 20230831

Priority

EP 22194574 A 20220908

Abstract (en)

A packaging machine and method for producing sealed packages from a packaging material fed along a conveying path (P) and having a plurality of patterns (12) of reference marks comprising at least two reference marks (14, 15; 14*, 15*), said machine comprises a control apparatus (8) with a sensing device (17) configured for measuring at least a first parameter (D_{1} ; V) of the packaging material unit when the packaging material has a planar shape, an imaging device (9) configured for measuring at least a second parameter (D_{2} ; D_{4}) of the packaging material when the packaging material has a substantially tubular shape, and a control unit (16) connected to both the sensing device (17) and the imaging device (11) and configured for calculating the width of an overlapping area (AO) of the tube (5) based on said first parameter (D_{1} ; V) and said second parameter (D_{2} ; D_{4}) .

IPC 8 full level

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CPC (source: EP)

B65B 9/20 (2013.01); **B65B 41/16** (2013.01); **B65B 41/18** (2013.01); **B65B 57/04** (2013.01)

Citation (search report)

- [X] US 6751925 B1 20040622 - KINOSHITA SHIGEHIRO [JP], et al
- [I] US 2018016047 A1 20180118 - MIYAMOTO HIDESHI [JP], et al
- [A] US 2014274629 A1 20140918 - LYKOWSKI MEGHAN [US], 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)

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DOCDB simple family (publication)

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