

Title (en)

MACHINE AND METHOD FOR PACKAGING CAPSULES FOR PRODUCING BEVERAGES

Title (de)

VERPACKUNGSMASCHINE UND VERFAHREN ZUR HERSTELLUNG VON GETRÄNKEKAPSELN

Title (fr)

MACHINE D'EMBALLAGE ET PROCÉDÉ POUR LA FABRICATION DE CAPSULES DE PRÉPARATION DE BOISSONS

Publication

**EP 3040285 A1 20160706 (EN)**

Application

**EP 15202092 A 20151222**

Priority

IT BO20140734 A 20141229

Abstract (en)

A machine (1) for simultaneously packaging a plurality of capsules (C) for producing beverages, for example espresso, is provided, comprising a carousel (2) adapted for transporting capsules (C) along a circular direction during packaging, wherein the capsules are housed on the carousel (2) in suitable seats (8), a transportation device (3) for transporting a film (4) along a linear sliding direction (X), cutting means (11) adapted for cutting closing elements (5), for closing the capsules (C), from the film (4) and closing means (21) configured to apply the closing elements (5) to the capsules (C) when the capsules (C) are housed on the carousel (2). The sliding direction (X) lies on a plane (P) parallel to the carousel (2). The imprints (6) of the cutting of the closing elements (5) on the film (4) are arranged along two or more rows (7) that are mutually parallel and offset. Moreover, a method for simultaneously packaging a plurality of capsules is provided.

IPC 8 full level

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CPC (source: EP)

**B65B 7/164** (2013.01); **B65B 29/022** (2017.07); **B65B 43/50** (2013.01); **B65B 65/003** (2013.01)

Citation (search report)

- [A] WO 2011039709 A2 20110407 - IMA FLAVOUR SRL [IT], et al
- [A] EP 1564143 A1 20050817 - HANS RYCHIGER AG [CH]
- [A] AT 505545 A4 20090215 - MAREK CHRISTIAN [AT]

Cited by

IT202000018850A1; US12122546B2; CN109292126A; IT201700012521A1; IT202200024315A1; IT202000018790A1; US2023192419A1; WO2022023925A1; WO2022029547A1; WO2022023923A1; WO2018142373A1; WO2023084393A1; WO2024111008A1; EP3511254B1

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Designated extension state (EPC)

BA ME

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DOCDB simple family (application)

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