

Title (en)
CAPSULE FILLING MACHINE

Title (de)
KAPSELFÜLLMASCHINE

Title (fr)
MACHINE DE REMPLISSAGE DE CAPSULES

Publication
EP 3085353 B1 20190313 (DE)

Application
EP 16166437 A 20160421

Priority
DE 102015106369 A 20150424

Abstract (en)
[origin: US2016311565A1] A capsule filling machine for filling capsules includes a machine housing, a machine table, and a conveyor wheel whose perimeter includes capsule holders, each of which has capsule receivers for capsules. A conveyor wheel drive is configured to be rotated incrementally so that the capsule holders move incrementally along a conveyor track. A plurality of process stations are arranged along the conveyor track at or on the machine table and include at least one feeding station, at least one opening station, at least one filling station, at least one closing station, and at least one ejection station. The process stations have process drives for their operation, which are controllable independently of the conveyor wheel drive. A cabinet includes a computer machine for operating the capsule filling machine and controlling the conveyor wheel drive as well as the process drives is connected to the conveyor drive and the process drives.

IPC 8 full level
A61J 3/07 (2006.01)

CPC (source: CN EP US)
A61J 3/074 (2013.01 - CN EP US); **B65B 7/28** (2013.01 - US); **B65B 43/40** (2013.01 - US); **B65B 43/52** (2013.01 - US);
B65B 65/02 (2013.01 - US)

Citation (examination)
• EP 2886099 A1 20150624 - FETTE ENGINEERING GMBH [DE]
• FETTE COMPACTING: "Introducing the FEC40: Next-generation Capsule Filling Machine (English)", YOUTUBE, 9 May 2017 (2017-05-09), pages 1 - 1, XP054978589, Retrieved from the Internet <URL:https://www.youtube.com/watch?v=yU66qplvv98> [retrieved on 20180815]

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)
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US 2016311565 A1 20161027

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