

Title (en)
A FILLING MACHINE FOR CAPSULES

Title (de)
EINE FÜLLMASCHINE FÜR KAPSELN

Title (fr)
UNE MASCHINE POUR REMPLISSAGE DE CAPSULES

Publication
EP 3263467 A2 20180103 (EN)

Application
EP 17179085 A 20170630

Priority
IT 201600068514 A 20160701

Abstract (en)
A filling machine (6) to fill capsules (1) with respective quantities (2) of an incoherent product; the filling machine (6) has: at least one tray (8) having a plurality of pockets (9), which are designed to each hold a corresponding capsule (1); a feeding unit (7), which receives a disorderly mass of empty capsules (1) and inserts the capsule (1) into the pockets (9) of the tray (8), so as to fill the tray (8); a filling unit (11), which receives, from the feeding unit (7), the tray (8) containing empty capsules (1), so as to feed into each capsule (1) the corresponding quantity (2) of product; a transferring unit (12), which receives, from the filling unit (11), the tray (8) containing full capsules (1) and transfers the full capsules (1) to an output (13) of the filling machine (6); and a main conveyor (15), which feeds the tray (8) from an output station (S2) of the feeding unit (7) to an input station (S1) of the feeding unit (7) passing through the filling unit (11) and the transferring unit (12).

IPC 8 full level
B65B 29/02 (2006.01); **B65B 43/52** (2006.01); **B65B 55/04** (2006.01); **B65B 65/00** (2006.01)

CPC (source: EP)
B65B 29/022 (2017.08); **B65B 43/52** (2013.01); **B65B 55/04** (2013.01); **B65B 65/003** (2013.01)

Citation (applicant)
• WO 2013035061 A2 20130314 - AZIONARIA COSTRUZIONI ACMA SPA [IT], et al
• US 4151698 A 19790501 - BAUSCH FRANZ H [DE], et al
• WO 2010007633 A1 20100121 - GIMA SPA [IT], et al
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CN115783444A

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

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