

Title (en)
A tray filling machine

Title (de)
Tray-Füllmaschine

Title (fr)
Machine de remplissage de plateau

Publication
EP 2626306 A1 20130814 (EN)

Application
EP 12197693 A 20121218

Priority
IT MO20120030 A 20120209

Abstract (en)
Tray filling machine, comprising: a first conveying device (2), structured so as to transport between a loading position (C) and an unloading position (S) along a direction of transport (X) a plurality of items (F) arranged in one or more distinct rows; a second conveying device (3), structured so as to transport a tray (V) on a movement plane (31) arranged in the proximity of the unloading position of the first conveying device (2) beneath the first conveying device; said first and second conveying devices (2,3) being synchronized in relation to each other in a manner such that the items (F) and the tray (V) transit contemporaneously at the unloading position and the items (F) can be arranged on the tray (V).

IPC 8 full level
B65B 25/04 (2006.01); **B65B 5/10** (2006.01); **B65B 35/24** (2006.01); **B65B 43/44** (2006.01); **B65B 43/46** (2006.01); **B65B 57/00** (2006.01)

CPC (source: EP US)
B65B 5/101 (2013.01 - EP US); **B65B 25/04** (2013.01 - EP US); **B65B 35/24** (2013.01 - EP US); **B65B 43/44** (2013.01 - EP US);
B65B 43/46 (2013.01 - EP US); **B65B 57/00** (2013.01 - EP US)

Citation (search report)
• [X] US 4250684 A 19810217 - CLEGG FREDERICK W
• [X] FR 2342896 A1 19770930 - BARBET ENTREPRISE [FR]
• [I] US 2005028495 A1 20050210 - BLANC PHILIPPE [FR]

Cited by
CN105799971A; CN105836216A

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

Designated extension state (EPC)
BA ME

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