

Title (en)
AUTOMATIC DISTRIBUTOR OF ARTICLES

Title (de)
VERKAUFSAUTOMAT VON ARTIKELN

Title (fr)
DISTRIBUTEUR AUTOMATIQUE D'ARTICLES

Publication
EP 3514770 A1 20190724 (EN)

Application
EP 19151333 A 20190111

Priority
IT 201800001467 A 20180119

Abstract (en)
The invention relates to an automatic distributor (1) of a plurality of articles (P), equipped with a distribution group (10) comprising: a first store (55) for housing the articles (P) equipped with a bearing surface (70) adapted for supporting said articles (P) at the bottom, a first thrusting element (80) housed in the first store (55), adapted for moving the articles (P) present in the first store (55) on the bearing surface (70) of the first store (55) along an advancing direction (X1) between a storage area (60) of the first store (55) and an unloading area (65) of the first store (55), a second store (125) for housing the articles (P) at least partially juxtaposed in plan over the first store (55) and equipped with a bearing surface (140) adapted for supporting the articles (P) housed in the second store (125) at the bottom, and a second thrusting element (150) housed in the second store (125), adapted for moving the products (P) present in the second store (125) on the bearing surface (140) of the second store (125) along an axis (X2) between a storage area (130) of the second store (125) and an unloading area (135) of the second store (125). Said distribution group (10) is characterised in that it comprises: a first channel (95) for conveying the articles (P) present in the first store (55), which is equipped with an inlet mouth (100) arranged immediately downstream of the unloading area (65) of the first store itself, and a second channel (165) for conveying the articles (P) present in the second store (125), which is distinct from the first channel (95) and is equipped with an inlet mouth (170) arranged immediately downstream of the unloading area (135) of the second store (125).

IPC 8 full level
G07F 11/30 (2006.01); **G07F 11/36** (2006.01); **G07F 11/42** (2006.01)

CPC (source: EP)
G07F 11/30 (2013.01); **G07F 11/36** (2013.01); **G07F 11/42** (2013.01)

Citation (search report)
• [A] US 2014131376 A1 20140515 - FAGLIA LUIGI [IT]
• [A] EP 2634755 A1 20130904 - DAMIAN S R L [IT]
• [A] EP 2535878 A1 20121219 - DAMIAN S R L [IT]
• [A] EP 1770662 A1 20070404 - DAMIAN S R L [IT]

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

DOCDB simple family (publication)
EP 3514770 A1 20190724; IT 201800001467 A1 20190719

DOCDB simple family (application)
EP 19151333 A 20190111; IT 201800001467 A 20180119