

Title (en)
WRAPPING UNIT AND METHOD

Title (de)
UMHÜLLUNGSVORRICHTUNG UND VERFAHREN

Title (fr)
DISPOSITIF D'EMBALLAGE ET PROCÉDÉ

Publication
EP 3222538 B1 20190102 (EN)

Application
EP 17162187 A 20170321

Priority
IT UA20161853 A 20160321

Abstract (en)
[origin: EP3222538A1] A wrapping unit (15) and method for folding a wrap (10) around an article (3); there are provided: a wrapping conveyor (29), which supports a pocket (31), which is designed to contain the article (3) partially wrapped in the wrap (10), and a seat (33), which is arranged opposite the pocket (31) and is designed to hold the sole wrap (10); a first feeding station (S4), wherein the wrap (10) is fed to the seat (33); a second feeding station (S5), which is arranged downstream of the first feeding station (S4) and wherein the article (3) is fed into the pocket (31) together with the wrap (10) previously arranged in the seat (33) opposite the pocket (31); a pusher (36), which, in the second feeding station (S5), rests against the article (3) on the side opposite the wrap (10) and pushes the article (3) into the pocket (31) together with the wrap (10); and a moving device, which, in the second feeding station (S5), at first moves the wrap (10) away from the pocket (31), thus moving the wrap (10) close to the article (3), before the article (3) is pushed into the pocket (31) together with the wrap (10).

IPC 8 full level
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Citation (opposition)
Opponent : Focke & Co. (GmbH & Co. KG)
• EP 0792805 A1 19970903 - SASIB SPA [IT]
• US 4646508 A 19870303 - FOCKE HEINZ [DE]
• DE 19703069 A1 19980730 - TOPACK VERPACKTECH GMBH [DE]
• EP 2090511 A1 20090819 - GD SPA [IT]
• EP 0698552 A2 19960228 - SASIB SPA [IT]
• EP 1357029 A2 20031029 - AZIONARIA COSTRUZIONI ACMA SPA [IT]
• JP H05270508 A 19931019
• GB 684255 A 19521217 - FORGROVE MACH, et al
• EP 0648675 A1 19950419 - SASIB SPA [IT]
• JP 2003170918 A 20030617 - TOKYO AUTOMATIC MACH WORKS
• EP 0078066 A2 19830504 - FOCKE & CO [DE]

Cited by
CN114867660A; IT202100020399A1; WO2023007523A1

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