

Title (en)
PROCEDURE FOR THE SELECTIVE MANAGEMENT OF THE WASTE OF AN AUTOMATIC MACHINE FOR MANUFACTURING OR PACKING CONSUMER ARTICLES

Title (de)
VERFAHREN ZUR SELEKTIVEN VERWALTUNG DER ABFÄLLE EINER AUTOMATISCHEN MASCHINE ZUM HERSTELLEN ODER VERPACKEN VON KONSUMGÜTERN

Title (fr)
PROCÉDURE DE GESTION SÉLECTIVE DES DÉCHETS D'UNE MACHINE AUTOMATIQUE POUR LA FABRICATION OU L'EMBALLAGE D'ARTICLES DE CONSOMMATION

Publication
EP 4100328 A1 20221214 (EN)

Application
EP 21709093 A 20210203

Priority
• IT 202000001993 A 20200203
• IB 2021050865 W 20210203

Abstract (en)
[origin: WO2021156759A1] A procedure for the selective management of the waste of an automatic machine (1) for manufacturing or packing consumer articles (3, 3') and comprising the steps of: conveying, according to a first periodic motion law, a plurality of articles (3) through at least one work station (WS), where at least one component (6, 6'') is added to an article (3') being processed; feeding, according to a second periodic motion law, each component (6, 6', 6'') along a feeding path (FP); checking the quality, the position and/or the orientation of the component (6, 6', 6'') and establishing whether it is usable or defective; replacing the defective component (6') by conveying it towards a waste zone (WZ) and replacing it, inside the work station (WS), with a new component (6''); and compensating the replacement of the defective component by conveying the article (3') being processed according to a first modified motion law and/or by feeding the new component (6'') according to a second modified motion law.

IPC 8 full level
B65B 19/22 (2006.01); **B65B 57/14** (2006.01)

CPC (source: EP)
B65B 19/223 (2013.01); **B65B 57/14** (2013.01)

Citation (search report)
See references of WO 2021156759A1

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

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
WO 2021156759 A1 20210812; EP 4100328 A1 20221214

DOCDB simple family (application)
IB 2021050865 W 20210203; EP 21709093 A 20210203