

Title (en)
METHOD AND ASSEMBLY FOR FEEDING MIXED BATCHES OF PRIMARY PRODUCTS

Title (de)
VERFAHREN UND ANORDNUNG ZUM ZUFÜHREN VON GRUPPEN VON PRIMÄRPRODUKTEN

Title (fr)
PROCÉDÉ ET ENSEMBLE D'ACHEMINEMENT DE LOTS DE PRODUITS PRIMAIRES

Publication
EP 3235739 B1 20200129 (EN)

Application
EP 17167219 A 20170420

Priority
IT UA20162844 A 20160422

Abstract (en)
[origin: EP3235739A1] A group for feeding mixed batches of primary products to a packaging machine comprises at least one handling unit, or robot, (20) for handling primary products (11), at least two distinct picking points (18, 21) for picking primary products (11) and a continuous inlet conveyor (30) towards a packaging machine, wherein the at least one handling unit (20) is equipped with a gripping head (22) comprising a gripper (23) for gripping multiples of primary products arranged in a row, the at least one handling unit (20) being operatively associated with at least one of the primary products (11) picking points (18, 21) for picking a row of primary products and operatively associated with the inlet conveyor (30) for positioning at least a part of the row of primary products in tracking on the inlet conveyor (30). The relative method for feeding mixed batches of primary products to a packaging machine is also part of the invention.

IPC 8 full level
B65B 21/04 (2006.01); **B65B 35/54** (2006.01)

CPC (source: EP)
B65B 21/04 (2013.01); **B65B 35/54** (2013.01); **B65B 2220/14** (2013.01)

Cited by
CN115009634A; WO2023012743A1

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

DOCDB simple family (publication)
EP 3235739 A1 20171025; EP 3235739 B1 20200129; ES 2786773 T3 20201013; IT UA20162844 A1 20171022

DOCDB simple family (application)
EP 17167219 A 20170420; ES 17167219 T 20170420; IT UA20162844 A 20160422