

Title (en)

Feeding device for wrapping machines for confectionery products

Title (de)

Zufuhrvorrichtung für Wickelmaschinen für Süßwaren

Title (fr)

Dispositif d'alimentation pour des machines à emballer des produits de confiserie

Publication

EP 2942291 B1 20161228 (EN)

Application

EP 14167064 A 20140505

Priority

EP 14167064 A 20140505

Abstract (en)

[origin: EP2942291A1] The feeding device for wrapping machines for confectionery products comprises a transfer and orientation unit (10) operated on the longitudinal vertical plane of a feeding line (2) for the products to be wrapped, having tilting motion between a picking zone and a release zone in which lifting means (30) are suitable to operate for transporting a product to the wrapping head (3) of the machine. The tilting arm (11) bears a grip means (13) for the single products to be transferred, having substantially the shape of pliers. Kinematic means (21, 22) are suitable to command the angular rotation of said grip means (13) for performing, simultaneously, the tilting motion of said arm (11) of the transfer and orientation member (10), and the shifting of said products to be wrapped on a vertical plane parallel to said plane longitudinal to the feeding line (3).

IPC 8 full level

B65B 11/28 (2006.01); **B65B 25/00** (2006.01); **B65B 35/16** (2006.01); **B65B 35/56** (2006.01); **B65G 47/244** (2006.01); **B65G 47/90** (2006.01)

CPC (source: CN EP)

B65B 11/28 (2013.01 - EP); **B65B 25/005** (2013.01 - CN EP); **B65B 35/16** (2013.01 - CN EP); **B65B 35/56** (2013.01 - EP)

Cited by

IT202100015935A1; IT201700041639A1; CN110494366A; WO2018189763A1; IT202100008675A1; IT202100010652A1

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 2942291 A1 20151111; **EP 2942291 B1 20161228**; CN 105083622 A 20151125; CN 105083622 B 20181221

DOCDB simple family (application)

EP 14167064 A 20140505; CN 201510224778 A 20150505