

Title (en)
UPGRADED PREHENSILE DEVICE FOR ROBOTIZED SYSTEMS, IN PARTICULAR FOR PALLETIZING PRODUCTS OR PACKS OF PRODUCTS

Title (de)
AUFGERÜSTETE GREIFVORRICHTUNG FÜR ROBOTERSYSTEME, IM BESONDEREN ZUR PALETTIERUNG VON PRODUKTEN ODER PRODUKTPACKUNGEN

Title (fr)
DISPOSITIF DE PRÉHENSION PERFECTIONNÉ POUR SYSTÈMES ROBOTISÉS, NOTAMMENT POUR PALETTISER DES PRODUITS OU PAQUETS

Publication
EP 2582603 A1 20130424 (EN)

Application
EP 11743610 A 20110616

Priority
• IT MO20100181 A 20100617
• IB 2011001356 W 20110616

Abstract (en)
[origin: WO2011158100A1] The upgraded prehensile device (1) for robotized systems, in particular for palletizing products or packs of products, comprises a supporting structure (2), fastening means (3) associated integral with the supporting structure (2) and associable with a robotised system (A), two grippers (4) associated with the supporting structure (2), wherein each of the grippers (4) has a pair of jaws (5), moving between an opening configuration, wherein they are moved away from one another, and a closing configuration, wherein they are substantially close to one another and wherein at least one of the grippers (4) is moving on the supporting structure (2) along a direction of moving closer and/or moving away (A3) from the other gripper (4), and a pair of supplementary jaws (6) associated with the supporting structure (2) and rotating between a raised position and a lowered position. The device (1) comprises motor means (10, 20, 29) of the electric type for moving the grippers (4) between the opening configuration and the closing configuration, for moving at least one of the grippers (4) along the direction of moving closer and/or moving away (A3) and for moving the supplementary jaws (6) between the raised position and the lowered position.

IPC 8 full level
B65G 47/90 (2006.01); **B65G 61/00** (2006.01)

CPC (source: EP)
B65G 47/907 (2013.01); **B65G 61/00** (2013.01)

Citation (search report)
See references of WO 2011158100A1

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)
WO 2011158100 A1 20111222; EP 2582603 A1 20130424; IT MO20100181 A1 20111218

DOCDB simple family (application)
IB 2011001356 W 20110616; EP 11743610 A 20110616; IT MO20100181 A 20100617