

Title (en)
GRIPPING UNIT FOR A BASE

Title (de)
GREIFEINHEIT FÜR EINE UNTERLAGE

Title (fr)
UNITÉ DE PRÉHENSION POUR UNE COUCHE INFÉRIEURE

Publication
EP 3873835 A1 20210908 (DE)

Application
EP 19794130 A 20191022

Priority
• DE 102018127266 A 20181031
• EP 2019078640 W 20191022

Abstract (en)
[origin: WO2020088980A1] The invention relates to a gripping unit (2) for a base (8) having a thickness which is predefined by an upper side (8a) and a lower side (8b), wherein at least one product (16) is conveyed on the upper side of the base (8). In order to propose a device and a method using which products conveyed on a base are reliably conveyed in a predefined relation to the base, in particular rotated or pivoted about a vertical axis, a first guide (3a, 3b) is provided which has a guide surface (4) bearing against the base and which extends to below the underside of the base (8).

IPC 8 full level
B65G 47/90 (2006.01); **B25J 9/00** (2006.01); **B25J 15/00** (2006.01); **B25J 15/02** (2006.01)

CPC (source: EP US)
B25J 9/0093 (2013.01 - US); **B25J 15/0033** (2013.01 - EP US); **B25J 15/022** (2013.01 - EP); **B25J 15/10** (2013.01 - EP US); **B65G 47/90** (2013.01 - EP); **B65G 47/904** (2013.01 - US); **B65G 47/244** (2013.01 - EP); **B65G 2201/0235** (2013.01 - EP)

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

DOCDB simple family (publication)
DE 102018127266 A1 20200430; CN 112912322 A 20210604; EP 3873835 A1 20210908; US 11987456 B2 20240521; US 2022009726 A1 20220113; WO 2020088980 A1 20200507

DOCDB simple family (application)
DE 102018127266 A 20181031; CN 201980070690 A 20191022; EP 19794130 A 20191022; EP 2019078640 W 20191022; US 201917282910 A 20191022