

Title (en)  
DEVICE FOR GRIPPING INSERT SHEETS, LOADING DEVICE, STATION FOR RECEIVING INSTALLATIONS AND MACHINE FOR TREATING SHEET-SHAPED ELEMENTS

Title (de)  
VORRICHTUNG ZUM AUFNEHMEN VON EINLAGEBÖGEN, LADEVORRICHTUNG, EMPFANGSSTATION VON ROHLINGEN UND MASCHINE ZUR BEARBEITUNG VON ELEMENTEN IN FORM VON BÖGEN

Title (fr)  
DISPOSITIF DE SAISIE DE FEUILLES D'ENCART, DISPOSITIF DE CHARGEMENT, STATION DE RECEPTION DES POSES ET MACHINE DE TRAITEMENT D'ELEMENTS EN FORME DE FEUILLES

Publication  
**EP 3414198 A1 20181219 (FR)**

Application  
**EP 17703029 A 20170207**

Priority  
• EP 16020041 A 20160212  
• EP 2017025021 W 20170207

Abstract (en)  
[origin: WO2017137169A1] The invention relates to an insert-sheet pick-up device (13) for an insert-sheet loading device (10) of a station for receiving copy (500), the pick-up device (13) comprising a suction element (20) configured to pick up an insert sheet, characterized in that the pick-up device (13) comprises a pivoting axis (30) and at least one telescopic arm (33) comprising a proximal arm (33a) one end of which is fixed to the pivoting axis (30) and a distal arm (33b), able to move with respect to the proximal arm (33a) and one end of which is pivot-articulated to the suction element (20) so as to move the suction element (20) between a raised position and a lowered position according to a vertical movement of the suction element (20). The present invention also relates to an insert-sheet loading device, to a copy-receiving station and to a machine for processing elements in sheet form comprising said insert-sheet pick-up device.

IPC 8 full level  
**B65H 33/04** (2006.01); **B65H 3/08** (2006.01); **B65H 31/32** (2006.01)

CPC (source: EP KR US)  
**B65H 3/0833** (2013.01 - EP KR US); **B65H 3/0883** (2013.01 - EP KR US); **B65H 31/10** (2013.01 - EP); **B65H 31/32** (2013.01 - EP KR US); **B65H 33/04** (2013.01 - EP KR US); **B65H 2301/4263** (2013.01 - EP KR US); **B65H 2402/30** (2013.01 - EP KR US); **B65H 2405/323** (2013.01 - EP KR US); **B65H 2406/341** (2013.01 - EP KR US); **B65H 2406/342** (2013.01 - EP KR US); **B65H 2701/1764** (2013.01 - EP KR US); **B65H 2701/18264** (2013.01 - EP KR US); **B65H 2801/42** (2013.01 - EP US)

Citation (search report)  
See references of WO 2017137169A1

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)  
**WO 2017137169 A1 20170817**; BR 112018015539 A2 20181226; BR 112018015539 B1 20230411; CN 109071143 A 20181221; CN 109071143 B 20200814; EP 3414198 A1 20181219; EP 3414198 B1 20200506; ES 2797086 T3 20201201; JP 2019504808 A 20190221; JP 6790106 B2 20201125; KR 102116625 B1 20200529; KR 20180110065 A 20181008; US 10913624 B2 20210209; US 2019047807 A1 20190214

DOCDB simple family (application)  
**EP 2017025021 W 20170207**; BR 112018015539 A 20170207; CN 201780023112 A 20170207; EP 17703029 A 20170207; ES 17703029 T 20170207; JP 2018542167 A 20170207; KR 20187025708 A 20170207; US 201716076357 A 20170207