Title (en)
    LOADING STATION FOR PLATE ELEMENTS, AND MACHINE FOR PROCESSING SUCH ELEMENTS

Title (de)
    LADESTATION FÜR PLATTENELEMENTE UND MASCHINE ZUR BEARBEITUNG SOLCHER ELEMENTE

Title (fr)
    STATION DE CHARGEMENT POUR DES ÉLÉMENTS EN PLAQUE ET MACHINE DE TRAITEMENT DE TELS ÉLÉMENTS

Publication
    EP 2408698 A1 20120125 (FR)

Application
    EP 10709417 A 20100311

Priority
- EP 2010001520 W 20100311
- EP 09003734 A 20090316
- EP 10709417 A 20100311

Abstract (en)
    [origin: WO2010105762A1] The invention relates to a station for loading plate elements (1, 1a) from an initial stack of elements (3) located in a store (4) to a station for the insertion thereof into a machine for processing said elements, including unloading means (7) for unloading the elements (1a) from the initial stack (3), intermediate storage means (16) for storing the unloaded elements (1) in the form of an intermediate packet (19) and positioned downstream from the unloading means (7), transporting means (18) for transporting the elements (1) from the storage means (16) to the insertion station, and layering means (21) for layering the elements (1) and positioned downstream from the storage means (16).

IPC 8 full level
    B65H 5/24 (2006.01); **B65H 3/08** (2006.01); **B65H 3/12** (2006.01); **B65H 3/24** (2006.01); **B65H 11/00** (2006.01); **B65H 83/02** (2006.01)

CPC (source: EP KR US)
    B65H 3/08 (2013.01 - KR); **B65H 3/0825** (2013.01 - EP US); **B65H 3/12** (2013.01 - KR); **B65H 3/126** (2013.01 - EP US); **B65H 3/242** (2013.01 - EP US); **B65H 5/22** (2013.01 - KR); **B65H 5/24** (2013.01 - EP US); **B65H 11/00** (2013.01 - KR); **B65H 11/005** (2013.01 - EP US); **B65H 83/02** (2013.01 - EP US); B65H 2301/42134 (2013.01 - EP US)

Citation (search report)
    See references of WO 2010105762A1

Designated contracting state (EPC)
    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 SE SI SK SM TR

DOCDB simple family (publication)
    WO 2010105762 A1 20100923; BR PI1009298 A2 20160308; BR PI1009298 B1 20191126; CN 102414099 A 20120411; CN 102414099 B 20150408; EP 2408698 A1 20120125; EP 2408698 B1 20151125; ES 2557432 T3 20160126; JP 2012520222 A 20120906; JP 5401599 B2 20140129; KR 101331702 B1 20131120; KR 20110127276 A 20111124; TW 201036906 A 20101016; TW I419827 B 20131221; US 2012038098 A1 20120216; US 8608151 B2 20131217

DOCDB simple family (application)
    EP 2010001520 W 20100311; BR PI1009298 A 20100311; CN 201080019301 A 20100311; EP 10709417 A 20100311; ES 10709417 T 20100311; JP 2012500116 A 20100311; KR 20117024270 A 20100311; TW 99107416 A 20100315; US 201013256768 A 20100311