

Title (en)

Sheet material stacking apparatus and method of stacking sheet material

Title (de)

Bogenmaterialstapelvorrichtung und Verfahren zum Stapeln von Bogenmaterial

Title (fr)

Appareil d'empilement de matériau en feuille et procédé d'empilement de matériau en feuille

Publication

EP 1972586 A2 20080924 (EN)

Application

EP 08005066 A 20080318

Priority

- JP 2007076855 A 20070323
- JP 2007246114 A 20070921
- JP 2008048337 A 20080228

Abstract (en)

The present invention provides a sheet material stacking apparatus (100) that includes a sheet material stacking base (102) on which sheet materials (49) induced by a sheet material conveying unit (36) are stacked, a first guide member (122A) disposed along the conveyance direction of the sheet materials to the sheet material stacking base (102) and sorts the end surfaces at one end with respect to the width direction (W) thereof, a second guide member (122B) which is disposed in parallel and opposite to the first guide member (122A) having the sheet material stacking base (102) therebetween, a pusher (126A) that constitutes at least a portion of the first guide member (122A) and is displaced between a reference position in which the distance (D) to the second guide member (122B) is equal to the width of the sheet material and a separating position in which the distance to the second guide member is larger than the width of the sheet material, and a driving unit (136) that displaces the pusher (126A) and places side by side both ends of the sheet materials (49) in the axis direction.

IPC 8 full level

B65H 31/38 (2006.01)

CPC (source: EP US)

B65H 31/38 (2013.01 - EP US); **B65H 2404/64** (2013.01 - EP US); **B65H 2404/693** (2013.01 - EP US); **B65H 2404/741** (2013.01 - EP US); **B65H 2511/514** (2013.01 - EP US); **B65H 2513/50** (2013.01 - EP US); **B65H 2701/1928** (2013.01 - EP US)

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 MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 1972586 A2 20080924; **EP 1972586 A3 20120808**; US 2008230984 A1 20080925

DOCDB simple family (application)

EP 08005066 A 20080318; US 5232208 A 20080320