

Title (en)
PAPER SHEET PROCESSOR

Title (de)
PAPIERBLATTBEARBEITUNGSVORRICHTUNG

Title (fr)
PROCESSEUR DE FEUILLES DE PAPIER

Publication
EP 2184720 A4 20120111 (EN)

Application
EP 07806393 A 20070830

Priority
JP 2007066916 W 20070830

Abstract (en)
[origin: EP2184720A1] The present invention provides a paper sheet handling machine 1 configured to take therein paper sheets from the exterior and then storing the paper sheets in the interior thereof. This paper sheet handling machine 1 includes storage spaces 30p, 40p respectively provided therein. Each storage space 30p, 40p is configured to store therein the paper sheets taken in the machine 1 from the exterior, in a stacked condition. Further, the paper sheet handling machine 1 includes stacking units 30, 40, each having an opening provided in one side face thereof for allowing the paper sheets stored in each storage space 30p, 40p to be taken out, and a transport unit 20 configured to transport the paper sheets taken in the machine 1 from the exterior, toward each of the stacking units 30, 40. In addition, pushing units, each configured to push the paper sheets stored in each storage space 30p, 40p of the stacking unit 30 or 40 toward the opening, are provided to the paper sheet handling machine 1.

IPC 8 full level
B65H 29/40 (2006.01); **B65H 31/30** (2006.01); **B65H 33/08** (2006.01); **G07D 1/00** (2006.01); **G07D 9/00** (2006.01); **G07D 11/00** (2006.01)

CPC (source: EP US)
B65H 29/40 (2013.01 - EP US); **B65H 31/02** (2013.01 - EP US); **B65H 31/3081** (2013.01 - EP US); **B65H 33/08** (2013.01 - EP US); **G07D 11/50** (2018.12 - EP US); **B65H 2301/4212** (2013.01 - EP US); **B65H 2301/4213** (2013.01 - EP US); **B65H 2301/4219** (2013.01 - EP US); **B65H 2301/42264** (2013.01 - EP US); **B65H 2405/11151** (2013.01 - EP US); **B65H 2601/2611** (2013.01 - EP US); **B65H 2701/1912** (2013.01 - EP US)

Citation (search report)
• [XI] US 2004003980 A1 20040108 - HALLOWELL CURTIS W [US], et al
• See references of WO 2009028072A1

Cited by
EP3115974B1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 2184720 A1 20100512; **EP 2184720 A4 20120111**; **EP 2184720 B1 20190508**; CN 101836239 A 20100915; CN 101836239 B 20120905; JP WO2009028072 A1 20101125; US 2010207319 A1 20100819; WO 2009028072 A1 20090305

DOCDB simple family (application)
EP 07806393 A 20070830; CN 200780101282 A 20070830; JP 2007066916 W 20070830; JP 2009529921 A 20070830; US 73333510 A 20100224