

Title (en)

DOCUMENT LOADING DEVICE, DOCUMENT LOADING METHOD AND DOCUMENT SORTING MACHINE

Title (de)

DOKUMENTENLADEVORRICHTUNG, DOKUMENTENLADEVERFAHREN UND DOKUMENTENSORTIERMASCHINE

Title (fr)

DISPOSITIF DE CHARGEMENT DE DOCUMENT, PROCÉDÉ DE CHARGEMENT DE DOCUMENT ET MACHINE DE TRI DE DOCUMENT

Publication

**EP 2441713 A1 20120418 (EN)**

Application

**EP 10783322 A 20100521**

Priority

- JP 2010059056 W 20100521
- JP 2009132487 A 20090601

Abstract (en)

A hopper unit 2 which includes stacking unit 22 on which a plurality of sheets, which are in a standing-stack state, are placed, a push-plate 23 to push out the sheets which are placed on the stacking unit 22, a push-plate moving part to drive the push-plate 23, and a rising and falling part to make the stacking unit 22 and the push-plate 23 rise and fall, a hopper unit moving part 3 which moves the hopper unit 2 between a supplying position where the hopper units 2 is supplied with the sheet and a predetermined stacking position on a sheet supplying apparatus 6 where the sheet is placed, and a control unit which controls the hopper unit moving part, the rising and falling part and the push-plate moving part are arranged.

IPC 8 full level

**B65H 1/30** (2006.01); **B07C 1/04** (2006.01)

CPC (source: EP)

**B07C 1/04** (2013.01); **B65H 1/025** (2013.01); **B65H 1/30** (2013.01); **B65H 2301/33214** (2013.01); **B65H 2301/4237** (2013.01); **B65H 2701/1916** (2013.01)

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 SE SI SK SM TR

DOCDB simple family (publication)

**EP 2441713 A1 20120418**; **EP 2441713 A4 20171206**; **EP 2441713 B1 20190220**; JP 2010275105 A 20101209; JP 5412961 B2 20140212; WO 2010140538 A1 20101209

DOCDB simple family (application)

**EP 10783322 A 20100521**; JP 2009132487 A 20090601; JP 2010059056 W 20100521