

Title (en)
SHEET CONVEYING DEVICE AND IMAGE FORMING APPARATUS INCORPORATING THE SHEET CONVEYING DEVICE

Title (de)
BLATTFÖRDERVORRICHTUNG UND BILDERZEUGUNGSVORRICHTUNG MIT DER BLATTFÖRDERVORRICHTUNG

Title (fr)
DISPOSITIF DE TRANSPORT DE FEUILLES ET APPAREIL DE FORMATION D'IMAGES LE COMPRENANT

Publication
EP 3708526 A1 20200916 (EN)

Application
EP 20160240 A 20200228

Priority
JP 2019047615 A 20190314

Abstract (en)
A sheet conveying device (10) includes a housing (10a), a tray (11), a conveyance belt (401), and a separation member (430). The tray (11) is configured to load a sheet bundle (P) having at least a sheet and to be inserted into and pulled out from the housing (10a). The conveyance belt (401) is configured to attract and convey a sheet (P) from the sheet bundle (P) loaded on the tray (11). The separation member (430) is configured to separate the sheet (P) attracted by the conveyance belt (401), from a subsequent sheet (P) of the sheet bundle (P) loaded on the tray (11). The separation member (430) and the conveyance belt (401) are attachable and detachable together relative to the housing (10a).

IPC 8 full level
B65H 1/26 (2006.01); **B65H 3/12** (2006.01)

CPC (source: EP)
B65H 1/266 (2013.01); **B65H 3/128** (2013.01); **B65H 2405/15** (2013.01); **B65H 2405/313** (2013.01); **B65H 2405/325** (2013.01); **B65H 2601/324** (2013.01)

Citation (applicant)
JP 2009107849 A 20090521 - KONICA MINOLTA BUSINESS TECH

Citation (search report)
• [IY] US 8770576 B2 20140708 - KIMURA IPPEI [JP], et al
• [IY] US 2011210501 A1 20110901 - SHIOKAWA YASUO [JP], et al
• [Y] US 2017327329 A1 20171116 - TAKAHASHI HIDEAKI [JP], et al

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

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