

Title (en)

Paper sheet supplying apparatus and image forming apparatus provided with the same

Title (de)

Papierzufuhrvorrichtung und Bilderzeugungsvorrichtung damit

Title (fr)

Appareil d'alimentation de feuilles de papier et appareil de formation d'images fourni avec

Publication

EP 1845042 A3 20090107 (EN)

Application

EP 07250957 A 20070307

Priority

JP 2006108395 A 20060411

Abstract (en)

[origin: EP1845042A2] There is described a paper sheet supplying apparatus that supplies paper sheets one by one to the image forming apparatus (GH) and conducts the dehumidifying operation of paper sheets only when a specific kind of paper sheets are accommodated in the paper sheet accommodating section, so as to achieve a high operating efficiency. The paper sheet supplying apparatus includes: a paper sheet accommodating section (100A;100B) to accommodate paper sheets; a paper sheet feeding section (103A;103B) to feed the paper sheets one by one from the paper sheet accommodating section; a dehumidification dryer to dehumidify the paper sheet accommodating section; and a control section to control the dehumidification dryer. Only when the control section receives paper kind information representing a specific kind of paper sheet, the control section activates and controls the dehumidification dryer, based on the paper kind information.

IPC 8 full level

B65H 1/00 (2006.01)

CPC (source: EP US)

B65H 1/00 (2013.01 - EP US); **B65H 2407/30** (2013.01 - EP US); **B65H 2511/416** (2013.01 - EP US); **B65H 2515/83** (2013.01 - EP US)

Citation (search report)

- [XY] US 2005067757 A1 20050331 - SUGA TAKESHI [JP], et al
- [Y] JP 2005104718 A 20050421 - RICOH KK
- [X] US 2005063023 A1 20050324 - KOMATSU SHUNICHI [JP], et al
- [X] JP 2005320082 A 20051117 - CANON KK
- [X] JP 2003063674 A 20030305 - CANON KK
- [A] JP H08169582 A 19960702 - CANON KK
- [A] JP H04345447 A 19921201 - RICOH KK
- [A] JP 2003005576 A 20030108 - CANON KK

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

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 1845042 A2 20071017; **EP 1845042 A3 20090107**; JP 2007276984 A 20071025; US 2007235924 A1 20071011

DOCDB simple family (application)

EP 07250957 A 20070307; JP 2006108395 A 20060411; US 71287207 A 20070301