

Title (en)

DEVICE FOR SWITCHING BETWEEN CONVEYANCE PATHS FOR PAPER SHEETS OR THE LIKE

Title (de)

VORRICHTUNG ZUM UMSCHALTEN ZWISCHEN FÖRDERSTRECKEN FÜR PAPIERBAHNEN ODER ÄHNLICHES

Title (fr)

DISPOSITIF DE COMMUTATION ENTRE DES TRAJETS DE TRANSPORT POUR FEUILLES DE PAPIER OU SIMILAIRES

Publication

EP 2277813 A4 20171018 (EN)

Application

EP 09729360 A 20090114

Priority

- JP 2009050345 W 20090114
- JP 2008102956 A 20080410

Abstract (en)

[origin: EP2277813A1] A device for switching between conveyance paths for paper sheets or the like is small sized and can switch the position of a conveyance path switching blade at high speed. The device is provided with the conveyance path switching blade (10) mounted in a branch section (2) at which three conveyance paths are branched so as to extend in different directions and guiding paper sheets or the like sent from any one of the conveyance paths to either of the remaining two conveyance paths. The branch section (2) is constructed so that the paths extend in the three directions. The conveyance path switching blade (10) is rotated by a motor and has guide sections (11, 12, 13) protruding in three directions from the center of the rotation of the blade. The angle formed between one (11) of the guide sections and each of the remaining two guide sections (12, 13) is greater than the angle formed between the two conveyance paths.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [E] EP 3089125 A1 20161102 - GLORY KOGYO KK [JP]
- [I] JP H07187470 A 19950725 - KOFU NIPPON DENKI KK
- [AD] JP 2006213528 A 20060817 - HITACHI OMRON TERMINAL SOLUTIONS CORP
- See references of WO 2009125613A1

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Designated contracting state (EPC)

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