

Title (en)

Sheet handling mechanism with sheet position detection

Title (de)

Bogen bearbeitungsgerät mit Lage erfassender Vorrichtung

Title (fr)

Dispositif de traitement de feuilles avec détection de position d'une feuille

Publication

EP 1655253 A1 20060510 (FR)

Application

EP 05292250 A 20051025

Priority

FR 0411751 A 20041104

Abstract (en)

The device has a sheet detection device (10) including a feeler (16) movable between a rest position and a retracted position. The device (10) has an optical sensor (14) with two states and cooperating with a palette (13) of the feeler for being in one state when the feeler is in the rest or in the retracted position, and in another state when the feeler is in an intermediate position between the rest and retracted positions.

IPC 8 full level

B65H 7/02 (2006.01)

CPC (source: EP)

B65H 7/02 (2013.01); **B65H 2511/514** (2013.01); **B65H 2513/10** (2013.01); **B65H 2513/50** (2013.01); **B65H 2553/61** (2013.01); **B65H 2701/1311** (2013.01)

Citation (search report)

- [X] US 2004061283 A1 20040401 - HYUN JAE-HWAN [KR]
- [A] US 6019362 A 20000201 - YAZAWA HIROAKI [JP]
- [A] US 6152631 A 20001128 - PARK DONG-CHAE [KR]
- [A] US 5971392 A 19991026 - LEE JAE-SUNG [KR]
- [A] PATENT ABSTRACTS OF JAPAN vol. 1999, no. 01 29 January 1999 (1999-01-29)

Designated contracting state (EPC)

DE ES GB IT

DOCDB simple family (publication)

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