

Title (en)

CONTROL DEVICE, DEVICE FOR FASTENING A STACK OF PAPER SHEETS, AND UNSTACKING DEVICE

Title (de)

STEUERUNGSVORRICHTUNG, VORRICHTUNG ZUM FIXIEREN EINES STAPELS PAPIERBOGEN UND ENTSTAPELVORRICHTUNG

Title (fr)

DISPOSITIF DE COMMANDE, DISPOSITIF POUR FIXER UNE PILE DE FEUILLES DE PAPIER, ET DISPOSITIF DE DEPILAGE

Publication

**EP 1943172 A2 20080716 (DE)**

Application

**EP 06818287 A 20061025**

Priority

- EP 2006010291 W 20061025
- DE 202005017158 U 20051103

Abstract (en)

[origin: DE202005017158U1] The control device for the withdrawal of a partial pile from a pile of paper sheets has a camera (30) for the producing of an image, means for the producing of at least two parallel light bundles (41,42), the reflections of which on the pile of sheets are reproduced in the camera image, and means which through the use of the spacing of the reflections in the camera image provide a control signal for the withdrawal of the partial pile (12). Independent claims are also included for the following: (A) a device for the fixing of paper sheets with means for the introducing of an electrostatic charge in the pile of sheets; and (B) a destacking device with a means for the fixing of a pile of paper sheets and/or a control device.

IPC 8 full level

**B65H 3/32** (2006.01); **B65H 7/02** (2006.01)

CPC (source: EP US)

**B65H 3/322** (2013.01 - EP US); **B65H 7/02** (2013.01 - EP US); **B65H 2301/42242** (2013.01 - EP US); **B65H 2301/4228** (2013.01 - EP US); **B65H 2301/5132** (2013.01 - EP US); **B65H 2511/15** (2013.01 - EP US); **B65H 2515/60** (2013.01 - EP US); **B65H 2553/42** (2013.01 - EP US)

Citation (search report)

See references of WO 2007051555A2

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 NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**DE 202005017158 U1 20051229**; EP 1943172 A2 20080716; US 2009082901 A1 20090326; WO 2007051555 A2 20070510; WO 2007051555 A3 20070816

DOCDB simple family (application)

**DE 202005017158 U 20051103**; EP 06818287 A 20061025; EP 2006010291 W 20061025; US 9262206 A 20061025