

Title (en)

DEVICE AND METHOD FOR INDIVIDUALLY SEPARATING A PILE OF SHEETLIKE DATA RECORDING MEDIA

Title (de)

VORRICHTUNG UND VERFAHREN ZUM VEREINZELN EINES STAPELS BLATTFÖRMIGER AUFZEICHNUNGSTRÄGER

Title (fr)

DISPOSITIF ET PROCEDE POUR SEPARER DES SUPPORTS D'IMPRESSION SOUS FORME DE FEUILLES EMPILES

Publication

**EP 1084072 B1 20030806 (DE)**

Application

**EP 99923578 A 19990511**

Priority

- DE 19821871 A 19980515
- EP 9903238 W 19990511

Abstract (en)

[origin: US6412770B1] An apparatus for singling sheetlike data carriers is proposed wherein the stack (30) to be singled is located on a rest (5) which is movable relative to a feed device (4) in clocked fashion such that individual data carriers are moved in the direction of a singling gap whose width is variable by a retaining element (13) in synchronism with the clocked motion of the rest (5). This apparatus is able to attain a high throughput even with different sheet qualities while guaranteeing high functional safety.

IPC 1-7

**B65H 3/34**; **B65H 3/52**

IPC 8 full level

**B65H 3/62** (2006.01); **B65H 3/12** (2006.01); **B65H 3/34** (2006.01); **B65H 3/52** (2006.01); **B65H 3/56** (2006.01)

CPC (source: EP US)

**B65H 3/34** (2013.01 - EP US); **B65H 3/5238** (2013.01 - EP US); **B65H 2701/1912** (2013.01 - EP US)

Cited by

DE102012013517A1; CN106241444A; WO2014005715A1; US9617092B2

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AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**US 6412770 B1 20020702**; AT E246655 T1 20030815; AU 4040399 A 19991206; CN 1108268 C 20030514; CN 1301231 A 20010627; DE 19821871 A1 19991118; DE 59906525 D1 20030911; EP 1084072 A1 20010321; EP 1084072 B1 20030806; ES 2203139 T3 20040401; JP 2002515390 A 20020528; RU 2221735 C2 20040120; WO 9959906 A1 19991125

DOCDB simple family (application)

**US 67450300 A 20001228**; AT 99923578 T 19990511; AU 4040399 A 19990511; CN 99806150 A 19990511; DE 19821871 A 19980515; DE 59906525 T 19990511; EP 9903238 W 19990511; EP 99923578 A 19990511; ES 99923578 T 19990511; JP 2000549530 A 19990511; RU 2000131698 A 19990511