

Title (en)

Media item storage unit, and method of storing media items

Title (de)

Medienpostenspeicher, und Verfahren zum Speichern von Medienposten

Title (fr)

Unité de stockage d'objets de média, et procédé pour stockage d'objets de média

Publication

EP 2428938 A2 20120314 (EN)

Application

EP 11177550 A 20110815

Priority

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Abstract (en)

A media storage unit (10) for a media recycler is described. The media storage unit (10) comprises: a first rotary storage device (12); a second rotary storage device (14) aligned with the first rotary storage device (12); and storage tape (16) wound around each of the first and second storage devices (12,14) and including calibration marks (96) disposed along one side of the storage tape (16). The media storage unit (10) also comprises a sensor (52) for detecting the calibration marks (96); an entry/exit port (40) between the first and second rotary storage devices (12,14) through which media items can be inserted or removed; and a controller (54) operable to rotate the first and/or second storage devices (12,14) to move the storage tape (16) forwards or backwards while sensing the calibration marks (96) to locate either (i) a media item of the desired type for a dispense transaction, or (ii) a space on the storage tape (16) of the required type for a deposit transaction.

IPC 8 full level

G07D 11/00 (2006.01); **B65H 5/02** (2006.01); **B65H 5/28** (2006.01); **B65H 29/00** (2006.01); **B65H 29/60** (2006.01)

CPC (source: EP)

B65H 5/023 (2013.01); **B65H 5/28** (2013.01); **B65H 29/006** (2013.01); **B65H 29/60** (2013.01); **G07D 11/0087** (2013.01); **G07D 11/12** (2018.12); **G07D 11/30** (2018.12); **G07D 11/50** (2018.12); **B65H 2220/09** (2013.01); **B65H 2301/41912** (2013.01); **B65H 2404/632** (2013.01); **B65H 2511/13** (2013.01); **B65H 2511/16** (2013.01); **B65H 2511/512** (2013.01); **B65H 2513/42** (2013.01); **B65H 2553/22** (2013.01); **B65H 2553/30** (2013.01); **B65H 2553/40** (2013.01); **B65H 2701/1912** (2013.01)

C-Set (source: EP)

1. **B65H 2513/42 + B65H 2220/02**
2. **B65H 2511/512 + B65H 2220/01 + B65H 2220/11**
3. **B65H 2511/13 + B65H 2220/01 + B65H 2220/11**
4. **B65H 2511/16 + B65H 2220/01 + B65H 2220/11**

Cited by

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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