

Title (en)

Device for printing both sides of identification cards

Title (de)

Vorrichtung zum beidseitigen Bedrucken von Identifikationskarten

Title (fr)

Dispositif pour l'impression de deux cÔtés des cartes d'identification

Publication

**EP 0739744 A3 19980610 (DE)**

Application

**EP 96105910 A 19960415**

Priority

DE 19514999 A 19950424

Abstract (en)

[origin: EP0739744A2] An identification card printing device includes a print-station and a station for turning and transporting the printed cards further on. The print-station includes thermal print head a card transporting device for stepped movement of the card passed the print head, an input sensor for switching the card output sensor for switching the transporter 'off'. The turning station includes a rotor on which is fixed the card transporter and a device for tuning the rotor through 180 deg. The card transport device is designed as a circulating transporter on the rotor (36) of the turning station (3).

IPC 1-7

**B41J 13/12**

IPC 8 full level

**B41J 3/60** (2006.01); **B41J 13/12** (2006.01); **B65H 15/00** (2006.01)

CPC (source: EP KR US)

**B41F 17/08** (2013.01 - KR); **B41J 3/60** (2013.01 - EP US); **B41J 13/12** (2013.01 - EP US); **B65H 2301/33214** (2013.01 - EP US); **B65H 2301/33224** (2013.01 - EP US); **B65H 2511/514** (2013.01 - EP US); **B65H 2513/41** (2013.01 - EP US); **B65H 2701/1914** (2013.01 - EP US)

Citation (search report)

- [A] EP 0431172 A1 19910612 - TOPPAN PRINTING CO LTD [JP]
- [DA] PATENT ABSTRACTS OF JAPAN vol. 008, no. 005 (M - 267) 11 January 1984 (1984-01-11)

Cited by

US5941522A; EP0838782A3; CN104108619A; WO9851508A1; WO9925560A1

Designated contracting state (EPC)

AT DE ES FR GB IT NL SE

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**EP 0739744 A2 19961030; EP 0739744 A3 19980610; EP 0739744 B1 20010718**; AT E203207 T1 20010815; AU 5085096 A 19961107; AU 698132 B2 19981022; DE 19514999 A1 19961031; DE 19514999 C2 19970828; DE 59607292 D1 20010823; ES 2162959 T3 20020116; IN 186778 B 20011103; KR 100418096 B1 20040401; KR 960037283 A 19961119; US 5709484 A 19980120; ZA 963044 B 19961022

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