

Title (en)

PROCESS FOR MANUFACTURING LAMINATED IDENTITY CARDS AND DEVICE FOR CARRYING OUT THE PROCESS

Publication

EP 0320669 A3 19900418 (DE)

Application

EP 88119467 A 19881123

Priority

DE 3742350 A 19871214

Abstract (en)

[origin: EP0320669A2] In order to manufacture identity cards or similar data media which are laminated with a film material, a strip-shaped support material (10) is prepared on which successive data blocks are contained, which are punched out at a punching station (12) from the support material (10) which is moved cyclically. For the precise positioning of the data blocks in the punching station (12), an advancing unit (28) and a sensor (22) are assigned to the punching station, the sensor being able to scan printed marks assigned to each data block, to issue a control command to a control unit (26), and thus to bring about the precise advance of each data block into the punching station (12). The support material (10) is laminated with a film material (16, 18). In an application station (36) arranged in front of the punching station (12), an adhesion promoter is applied to the support material. A sensor (46) and an advancing unit (56) are likewise assigned to the application station (36). The two sensors (22, 46) and the two advancing units (28, 56) are connected to the control unit (26) which, in response to control signals from the two sensors (22, 46), triggers advancing steps by the two advancing units (28, 56). When the first control signal is received by the sensor (22) assigned to the punching station (12), the sensor (46) assigned to the application station (36) is switched off. <IMAGE>

IPC 1-7

B42D 15/02

IPC 8 full level

B42D 25/00 (2014.01)

CPC (source: EP US)

B42D 25/23 (2014.10 - EP); **B42D 25/455** (2014.10 - EP); **B42D 25/46** (2014.10 - EP); **B42D 25/47** (2014.10 - EP US); **B42D 25/475** (2014.10 - EP US)

Citation (search report)

- [A] EP 0109101 A1 19840523 - AGFA GEVAERT NV [BE]
- [A] FR 2467089 A1 19810417 - BARTOLI BERNARD [FR]
- [A] FR 2073468 A1 19711001 - OMRON TATEISI ELECTRONICS CO
- [A] AU 482522 B2 19760311

Cited by

EP1356950A1; FR2839181A1; DE19625459A1; DE19625459C2; WO9808681A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI NL SE

DOCDB simple family (publication)

EP 0320669 A2 19890621; **EP 0320669 A3 19900418**; DE 3742350 A1 19890810; DE 3742350 C2 19900419

DOCDB simple family (application)

EP 88119467 A 19881123; DE 3742350 A 19871214