

Title (en)

Apparatus and method for cutting out plastic cards

Title (de)

Vorrichtung und Verfahren zum Heraustrennen von Kunststoffkarten

Title (fr)

Dispositif ainsi que procédé pour découper des cartes en matière plastique

Publication

EP 1378330 B1 20060503 (DE)

Application

EP 03013751 A 20030617

Priority

DE 10230365 A 20020705

Abstract (en)

[origin: EP1378330A1] The card blank (1) may be a continuous strip of plastics. It is placed between guides (2) and holder strips (3) and is cut by opposed knife blades (4,5) which separate several cards from one large blank. Pressure stamps (6) have side surfaces (7) with a small clearance from the knife blades and help to separate the cards from the blank. The system includes lifting cylinders (8).

IPC 8 full level

B26F 1/40 (2006.01); **B26D 7/02** (2006.01); **B26D 7/18** (2006.01); **B26F 1/44** (2006.01)

CPC (source: EP US)

B26D 7/025 (2013.01 - EP US); **B26D 7/1818** (2013.01 - EP US); **B26F 1/40** (2013.01 - EP US); **B26F 1/44** (2013.01 - EP US); **B26F 2001/449** (2013.01 - EP US); **Y10T 83/0448** (2015.04 - EP US); **Y10T 225/12** (2015.04 - EP US); **Y10T 225/321** (2015.04 - EP US)

Cited by

EP1889696A1; CN105856308A; DE102009034437A1; WO2017071504A1; WO2017071503A1

Designated contracting state (EPC)

CH DE FI FR GB IT LI

DOCDB simple family (publication)

EP 1378330 A1 20040107; **EP 1378330 B1 20060503**; DE 10230365 A1 20040122; DE 10230365 B4 20071108; DE 10230365 B8 20080925; DE 50303159 D1 20060608; US 2004045993 A1 20040311

DOCDB simple family (application)

EP 03013751 A 20030617; DE 10230365 A 20020705; DE 50303159 T 20030617; US 61475003 A 20030707