

Title (en)
Card dispensing apparatus

Title (de)
Kartenausgabevorrichtung

Title (fr)
Appareil de distribution de cartes

Publication
EP 1894866 A2 20080305 (EN)

Application
EP 07016824 A 20070828

Priority
• JP 2006233261 A 20060830
• JP 2007064269 A 20070314
• JP 2007131113 A 20070517

Abstract (en)
An object of the present invention is to provide a card dispensing apparatus that does not damage cards even if the cards are made of vulnerable material. In a card dispensing apparatus in which a surface of one of cards is pressed toward a base disposed in a fixed state to hold the cards in a columnar shape and a conveying member in contact with the card surface via an opening of the base is moved in a predetermined direction, thereby dispensing the cards one by one in the predetermined direction, the conveying member has a flat contact surface, and is moved by flat loop movement means to advance into the opening from a predetermined advancing position to make a surface contact with the card surface, then linearly move in a predetermined direction while maintaining the contact state, then retract from the opening to a retract position, and then move to the advancing position while maintaining its state.

IPC 8 full level
B65H 3/02 (2006.01); **B65H 7/18** (2006.01); **G06K 13/103** (2006.01)

CPC (source: EP KR)
B65H 3/02 (2013.01 - EP KR); **B65H 7/18** (2013.01 - EP KR); **G07F 17/42** (2013.01 - KR); **B65H 2301/42322** (2013.01 - EP KR); **B65H 2403/5331** (2013.01 - EP KR); **B65H 2511/20** (2013.01 - EP KR); **B65H 2511/51** (2013.01 - EP KR); **B65H 2511/515** (2013.01 - EP KR); **B65H 2513/412** (2013.01 - EP KR); **B65H 2513/512** (2013.01 - EP KR); **B65H 2513/52** (2013.01 - EP KR); **B65H 2553/61** (2013.01 - EP KR); **B65H 2701/1914** (2013.01 - EP KR)

Citation (applicant)
US 4557472 A 19851210 - HANNON CHARLES N [US]

Cited by
CN107331078A; GB2597810A

Designated contracting state (EPC)
DE GB

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 1894866 A2 20080305; **EP 1894866 A3 20080423**; **EP 1894866 B1 20110810**; KR 100902111 B1 20090609; KR 20080020467 A 20080305

DOCDB simple family (application)
EP 07016824 A 20070828; KR 20070070620 A 20070713