

Title (en)
Rotary slide valve

Title (de)
Drehschieberventil

Title (fr)
Soupape a tiroir rotatif

Publication
EP 1008541 B1 20030423 (DE)

Application
EP 98811214 A 19981209

Priority
EP 98811214 A 19981209

Abstract (en)
[origin: EP1008541A1] The valve consists of an upright valve plate (10) with vacuum connection (11) which is connected to a suction opening (9) in a first valve setting by means of a holed (20) rotating slide plate (12). In a second valve setting the connection (11) is joined to a vent (21) with the aid of a suction disk (22) which rotates in operation and so controls the suction angle. The valve sits on the axis shaft (5) of an opening drum as fitted with a sucker used to open printed products. The suction disk (22) opening (23) links the disk slot opening to the valve channel (7). The control disk rotates on a front piece (35) disk and the slide (12) sits between valve plate (10) and control disk to slide sealably in relation to these (10,22).

IPC 1-7
B65H 3/08; **B65H 5/30**

IPC 8 full level
F16K 3/06 (2006.01); **B65H 3/08** (2006.01); **B65H 5/30** (2006.01)

CPC (source: EP US)
B65H 3/0891 (2013.01 - EP US); **B65H 5/307** (2013.01 - EP US); **B65H 2301/4531** (2013.01 - EP US); **Y10T 137/86638** (2015.04 - EP US)

Cited by
DE10338192B4; CN109048977A; US7396007B2; WO2013097433A1

Designated contracting state (EPC)
CH DE FR GB IT LI

DOCDB simple family (publication)
EP 1008541 A1 20000614; **EP 1008541 B1 20030423**; DE 59808084 D1 20030528; JP 2000170928 A 20000623; US 6357479 B1 20020319

DOCDB simple family (application)
EP 98811214 A 19981209; DE 59808084 T 19981209; JP 34772999 A 19991207; US 45113799 A 19991130