

Title (en)  
Cardboard sheets feeding device

Title (de)  
Bogenanleger für Kartonplatten

Title (fr)  
Dispositif d'alimentation de feuilles de carton

Publication  
**EP 1288145 B1 20040519 (FR)**

Application  
**EP 02018579 A 20020819**

Priority  
CH 16282001 A 20010831

Abstract (en)  
[origin: EP1288145A1] The feeder consists of a conveyor system with belts (1) and pulleys (2), at least one retaining stop for a stack of sheets, and one or more lifters (3) that move alternately between upper and lower positions above and in line with the conveyor belts respectively. Each lifter comprises two arms (4a, 4b) extending parallel to a conveyor belt and pivoted at one end about an axle (5). Each pair of arms is linked to an actuator via a solenoid valve and is connected to a programmable control unit that allows them to be operated individually.

IPC 1-7  
**B65H 3/04**

IPC 8 full level  
**B65B 41/02** (2006.01); **B31B 3/02** (2006.01); **B31B 50/04** (2017.01); **B31B 50/06** (2017.01); **B65B 43/14** (2006.01); **B65H 3/06** (2006.01); **B65H 3/34** (2006.01)

CPC (source: EP KR US)  
**B31B 50/06** (2017.08 - KR); **B65H 3/063** (2013.01 - EP US); **B65H 3/34** (2013.01 - EP US); **B65H 2301/42322** (2013.01 - EP US); **B65H 2301/42344** (2013.01 - EP US); **B65H 2511/10** (2013.01 - EP US); **B65H 2555/11** (2013.01 - EP US); **B65H 2555/13** (2013.01 - EP US)

C-Set (source: EP US)  
**B65H 2511/10 + B65H 2220/01**

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)  
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