

Title (en)

Apparatus for feeding carton blanks

Title (de)

Vorrichtung zum Zuführen von Packungszuschnitten

Title (fr)

Dispositif pour amener des ébauches d'emballage

Publication

EP 1167008 A3 20030102 (DE)

Application

EP 01113358 A 20010601

Priority

DE 10031098 A 20000630

Abstract (en)

[origin: EP1167008A2] The mechanism to feed cut packaging sheets (10) from a magazine (14,15) has a feed roller (18,19), which carries the sheets around its circumference with a suction head (20). The feed roller, rotating around its axis, moves on a reciprocating linear path under the magazine, with a crank arm (24) drive and a strut (26) linked to the roller by a swing arm (28). A gearing (23) gives the roller its linear movements.

IPC 1-7

B31B 1/06; **B65H 3/08**

IPC 8 full level

B65B 43/18 (2006.01); **B31B 3/02** (2006.01); **B31B 50/06** (2017.01); **B65B 19/22** (2006.01); **B65B 19/26** (2006.01); **B65B 43/22** (2006.01); **B65H 3/08** (2006.01)

CPC (source: EP US)

B65B 19/228 (2013.01 - EP US); **B65H 3/0866** (2013.01 - EP); **B31B 50/062** (2017.07 - EP US)

Citation (search report)

- [X] EP 0350749 A2 19900117 - SCHMERMUND MASCHF ALFRED [DE]
- [X] EP 0980839 A2 20000223 - HEIDELBERGER DRUCKMASCH AG [DE]
- [DA] EP 0315821 A2 19890517 - FOCKE & CO [DE]

Cited by

DE102013003758A1; EP2774882A2; EP2774882A3

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1167008 A2 20020102; **EP 1167008 A3 20030102**; **EP 1167008 B1 20050511**; BR 0102598 A 20020219; BR 0102598 B1 20081118; CN 1232425 C 20051221; CN 1330022 A 20020109; DE 10031098 A1 20020110; DE 50106170 D1 20050616; JP 2002046195 A 20020212; JP 4638624 B2 20110223; US 2002000690 A1 20020103; US 6502814 B2 20030107

DOCDB simple family (application)

EP 01113358 A 20010601; BR 0102598 A 20010629; CN 01121862 A 20010629; DE 10031098 A 20000630; DE 50106170 T 20010601; JP 2001199017 A 20010629; US 89211101 A 20010626