

Title (en)

Mechanism for lifting and transport suckers, for a sheet processing machine

Title (de)

Hub-Schleppsaugergetriebe für Bogen verarbeitende Maschine

Title (fr)

Mécanisme pour les ventouses de levage et de transport, pour une machine à traiter des feuilles

Publication

EP 1088777 A3 20021009 (DE)

Application

EP 00119253 A 20000906

Priority

DE 19947573 A 19991001

Abstract (en)

[origin: EP1088777A2] The arrangement has driven control cams for the lifting motion of a lifting suction device and the drive motion of a trailing suction device. An additional pivotable control cam synchronizes the lifting and driving motions and sets the transition position of the sheet from lifting suction to trailing suction and the sheet transport height. The arrangement has a driven control cam for the lifting motion of a lifting suction device (19) and one for the drive motion of a trailing suction device (21) and an additional pivotable control cam that synchronizes the lifting motion and the driving motion. The pivotable control cam (44) sets the transition position of the sheet from lifting suction to trailing suction and the sheet transport height. The lifting and driving suction devices can be driven by separate cams.

IPC 1-7

B65H 3/08

IPC 8 full level

B65H 3/08 (2006.01)

CPC (source: EP US)

B65H 3/0825 (2013.01 - EP US); **B65H 2403/512** (2013.01 - EP US)

Citation (search report)

- [X] US 3471141 A 19691007 - RUETSCHLE RUDOLPH H
- [X] DE 2220353 B1 19730712
- [A] DE 1144741 B 19630307 - LEIPZIGER BUCHBINDEIREIMASCHINE
- [X] US 2222459 A 19401119 - TOWNSEND BACKHOUSE HEADLEY
- [X] EP 0417868 A1 19910320 - HORIZON INT INC [JP]
- [A] DE 19728076 A1 19980723 - ROLAND MAN DRUCKMASCH [DE]

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 1088777 A2 20010404; EP 1088777 A3 20021009; EP 1088777 B1 20040317; AT E261900 T1 20040415; DE 19947573 A1 20010405; DE 50005667 D1 20040422; JP 2002114390 A 20020416; JP 4592909 B2 20101208; US 6502815 B1 20030107

DOCDB simple family (application)

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