

Title (en)
Lifting sucker for a sheet processing machine, sheet processing machine

Title (de)
Hubsauger für eine bogenverarbeitende Maschine, bogenverarbeitende Maschine

Title (fr)
Piston de levage pour une machine traitant des feuilles, machine traitant des feuilles

Publication
EP 2441714 B1 20131211 (DE)

Application
EP 10013684 A 20101015

Priority
EP 10013684 A 20101015

Abstract (en)
[origin: EP2441714A1] The stroke auger (1) has housing (3) having sleeve-shaped vacuum generator (20) with axial inlet (21), axial outlet (22) and radial suction port (23). The compressed air connection (5) is operatively connected with inlet, so that compressed air supplied to vacuum generator axially flowed through inlet. The suction port is connected with suction surface (8) for to-be-processed sheets. The upper pressure chamber (11) is connected to housing, such that spring element (7) carrying lifting piston (4) by impingement of chamber with compressed air relative to housing is axially displaced. An independent claim is included for arc-processing machine.

IPC 8 full level
B65H 3/08 (2006.01)

CPC (source: EP)
B65H 3/0883 (2013.01); **B65H 2406/342** (2013.01); **B65H 2406/3661** (2013.01)

Cited by
CN111439613A; DE102016203171B3; CN109661364A; DE102013013214A1; CN107499978A; US9945102B2

Designated contracting state (EPC)
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