

Title (en)  
Sheet feeder

Title (de)  
Bogenanleger

Title (fr)  
Margeur de feuilles

Publication  
**EP 0795501 A3 19980610 (DE)**

Application  
**EP 97103682 A 19970306**

Priority  
DE 19609701 A 19960313

Abstract (en)  
[origin: DE19609701C1] The feeder has a lifting separation element which grasps the rear of the top sheet in a pile, relative to the direction (2) of conveying. The raised sheet can then be held from above by suction nipples, and can be fed in an extended alignment parallel to the top (5) of the pile, while a pressure foot (3) can be placed on the rear region of the pile. The separation element is the pressure foot, and can be driven roughly vertically between a position in which it rests on the top of the pile, and a raised position. It has a nozzle (4) whose alignment is roughly parallel to the top of the pile in the direction of conveying, and which is acted upon by compressed air during the raising motion. The nozzle has a surface which extends in the conveying direction above its air outlet openings (6), in order to create a suction effect.

IPC 1-7  
**B65H 3/48**; **B65H 3/50**; **B65H 3/54**; **B65H 3/08**

IPC 8 full level  
**B65H 3/08** (2006.01); **B65H 3/14** (2006.01); **B65H 3/48** (2006.01); **B65H 3/50** (2006.01); **B65H 3/54** (2006.01)

CPC (source: EP)  
**B65H 3/0825** (2013.01); **B65H 3/14** (2013.01)

Citation (search report)  
• [PX] DE 19515331 A1 19961031 - ROLAND MAN DRUCKMASCH [DE]  
• [A] DE 4214232 C1 19931104 - KBA PLANETA AG [DE]  
• [A] DE 2330365 A1 19740103 - MARINE ENGINEERING CO STOCKPOR  
• [A] DE 2362125 A1 19740627 - COMMW OF AUSTRALIA

Cited by  
CN116654669A

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

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**DE 19609701 C1 19970410**; DE 59700358 D1 19990930; EP 0795501 A2 19970917; EP 0795501 A3 19980610; EP 0795501 B1 19990825

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