

Title (en)

VACUUM HOLD-DOWN FOR FOLDER/GLUERS AND PROCESS

Title (de)

NIEDERHALTEVORRICHTUNG MITTELS VAKUUM FÜR FALZ/BELEIMUNGSMASCHINEN SOWIE VERFAHREN

Title (fr)

VENTOUSES D'ABAISSEMENT POUR PLIEUSE ENCOLLEUSE ET PROCEDE ASSOCIE

Publication

EP 0954498 A4 20001122 (EN)

Application

EP 96936472 A 19961016

Priority

- US 9616444 W 19961016
- US 54461395 A 19951018

Abstract (en)

[origin: WO9714634A1] The folder/gluer has lip seals (118) associated with each side plate (111) of the conveyor housing (110). These lip seals are slightly lower than the top surface of the feed conveyor belts (120). When the vacuum is applied to the vacuum holes (175), these lip seals do not allow the vacuum acting on the article sides to be bled off to the atmosphere. This results in conveyance far superior to anything known to date.

IPC 1-7

B65G 17/46

IPC 8 full level

B31B 3/02 (2006.01); **B31B 50/04** (2017.01)

CPC (source: EP US)

B31B 50/00 (2017.07 - EP); **B31B 50/26** (2017.07 - EP US); **B31B 50/042** (2017.07 - EP)

Citation (search report)

- [A] GB 2270304 A 19940309 - HOTOKU KOGYO KK [JP]
- See references of WO 9714634A1

Designated contracting state (EPC)

CH DE DK ES FR GB IT LI

DOCDB simple family (publication)

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DOCDB simple family (application)

US 9616444 W 19961016; CA 2235142 A 19961016; EP 96936472 A 19961016; JP 51591497 A 19961016; MX 9802977 A 19980416