

Title (en)
METHOD OF TRANSFERRING FLAT ARTICLES

Publication
EP 0440940 B1 19930811 (DE)

Application
EP 90124336 A 19901215

Priority
DE 4003154 A 19900203

Abstract (en)
[origin: US5078669A] A transfer apparatus for folding boxes including suction heads disposed on a carrier and for holding the folding boxes by negative pressure. To enable adjusting the suction heads to a format of folding boxes to be manipulated, the suction heads have a plurality of cup-shaped suction devices, individual ones of which can be adjusted out of the working position into a position of repose and which can be blocked off from the negative pressure. To this end, the adjustable suction devices are mounted on necks displaceable in carriers, and the necks can be arrested in two positions.

IPC 1-7
B65B 43/18

IPC 8 full level
B31B 5/80 (2006.01); **B65B 43/18** (2006.01); **B65H 3/08** (2006.01); **B31B 100/00** (2017.01); **B31B 120/30** (2017.01)

CPC (source: EP US)
B65B 43/185 (2013.01 - EP US); **B65H 3/0883** (2013.01 - EP US); **B31B 50/804** (2017.07 - EP US); **B31B 2100/00** (2017.07 - EP US); **B31B 2120/30** (2017.07 - EP US)

Cited by
EP0978453A1; EP1775223A3; US6913568B2

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