

Title (en)
DEVICE FOR ERECTING FOLDED CARTONS

Publication
EP 0182967 A3 19860716 (DE)

Application
EP 85108509 A 19850709

Priority
DE 3429761 A 19840813

Abstract (en)
[origin: US4629446A] Folding boxes (10) are held in readiness for filling in the flat folded state in magazines in conjunction with packagaing machines. An erection of the folding boxes is necessary for this purpose. For this purpose there is provided a gripping arm (33) movable pivotably and in translation and having suction cups (34), which removes the respective front folding box (10) from the magazine (19), transports it to a stationary holder, also having suction cups (38), (37) and then erects the folding box conjointly with the stationary holder.

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B31B 5/80

IPC 8 full level
B31B 5/00 (2006.01); **B31B 5/80** (2006.01); **B31B 50/00** (2017.01); **B31B 50/76** (2017.01); **B31B 50/80** (2017.01); **B65B 43/28** (2006.01); **B65H 3/08** (2006.01); **B31B 100/00** (2017.01); **B31B 120/30** (2017.01)

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B31B 50/00 (2017.07 - EP US); **B31B 50/81** (2017.07 - EP US); **B31B 50/80** (2017.07 - EP US); **B31B 2100/00** (2017.07 - EP US); **B31B 2120/30** (2017.07 - EP US)

Citation (search report)
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• [A] EP 0011965 A1 19800611 - MEAD CORP [US]
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• [A] US 2251883 A 19410805 - WILHELM HARTMANN CARL

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Designated contracting state (EPC)
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DE 3429761 A1 19860227; DE 3429761 C2 19910801; BR 8503640 A 19860506; CA 1245091 A 19881122; DE 3563181 D1 19880714; EP 0182967 A2 19860604; EP 0182967 A3 19860716; EP 0182967 B1 19880608; JP 2518815 B2 19960731; JP S6169441 A 19860410; US 4629446 A 19861216

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