

Title (en)
DEVICE FOR TRANSFERRING A FOLDED BOX

Title (de)
VORRICHTUNG ZUR ÜBERGABE EINER FALTSCHACHTEL

Title (fr)
DISPOSITIF DE TRANSFERT D'UNE BOITE PLIANTE

Publication
EP 1159124 B1 20021023 (DE)

Application
EP 00922490 A 20000301

Priority
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• EP 0001714 W 20000301

Abstract (en)
[origin: US6503180B1] A device for transferring a folded box from a magazine accommodating flat folded boxes to a circulating transport device thereby simultaneously erecting same, comprises a holding device transferring and carrying the folded box during transfer, and an erecting member. The holding device and the erecting member are rotatably disposed on a planetary part of a planetary gearing and are moved along a hypocycloid path having several turning points and intermediate curves. The planetary part is rotatably disposed on a planetary support which rotates about a stationary sun axis. Via a first gearing arrangement, the holding device is subjected to a superimposed, first correcting rotary motion defined along a first control curve and, via a second gearing arrangement, the erecting member is subjected to a superimposed, second correcting rotary motion defined along a second control curve. Both gearing arrangements are disposed substantially coaxially with respect to one another.

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