

Title (en)
DEVICE FOR ZIG-ZAG FOLDING WEBS

Publication
EP 0051695 B1 19850814 (DE)

Application
EP 80201044 A 19801104

Priority
EP 80201044 A 19801104

Abstract (en)
[origin: US4401428A] A folding apparatus for the zigzag folding of a web includes an oscillating multi-section guide channel device comprising upper and lower funnels pivotally interconnected and a pair of web drawing rolls located in the immediate vicinity of the pivot axis about which the funnels are connected. The lower and upper ends of the walls of the respective funnels lie on opposite sides of the drawing rolls, and at least one of the ends of one of such walls is spaced from the rolls in the direction of web movement for defining at least one opening in the vicinity of such pivot axis for the entry of air into at least one funnel. The proximity of the rollers to the pivot axis and the contoured light weight metal walls reduce inertia forces during oscillating movement of the device and the migration of air with the web facilitate running of the web through the device so as to increase the operating speed of the folding apparatus.

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B65H 45/107

IPC 8 full level
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B65H 45/107 (2013.01 - EP US); **B65H 2701/11231** (2013.01 - EP US)

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