

Title (en)  
DEVICE FOR INDIVIDUALIZATION AND ERECTING COLLAPSED BOXES

Publication  
**EP 0234228 A3 19890104 (DE)**

Application  
**EP 87100491 A 19870116**

Priority  
DE 3606093 A 19860226

Abstract (en)  
[origin: US4735600A] An apparatus for separating and erecting foldable boxes has a supply magazine for foldable boxes, a removal device with revolving suction grippers, and an endless conveyor device provided with carriers and blower nozzles, which are disposed laterally of the conveyor apparatus with the blower nozzles arranged to inflate the conveyed foldable boxes. The suction grippers pull the foldable boxes out of the magazine seriatim in the direction in which the foldable boxes extend and transfer them to the conveyor apparatus such that they lie flat on an arc-like stretch. For guiding the chains of the conveyor device and for guiding the foldable boxes in the arc-like stretch, arc-like curved guide rails are disposed on the revolving path of the suction grippers following the magazine. The blower nozzles are associated with a straight stretch of the conveyor device.

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IPC 8 full level  
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**B31B 50/80** (2017.07 - EP US); **B65B 43/185** (2013.01 - EP US); **B65B 43/265** (2013.01 - EP US); **B65B 43/365** (2013.01 - EP US); **B31B 50/062** (2017.07 - EP US); **B31B 50/804** (2017.07 - EP US); **B31B 2120/30** (2017.07 - EP US)

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