

Title (en)

Apparatus for on line controlling of foldable box blanks

Title (de)

Vorrichtung zur On-Line-Kontrolle von Faltschachtel-Zuschnitten

Title (fr)

Installation pour le contrôle en ligne de découpes de boîtes

Publication

**EP 0557609 B1 19970312 (DE)**

Application

**EP 92121379 A 19921216**

Priority

- DE 4142051 A 19911219
- US 1364593 A 19930204

Abstract (en)

[origin: EP0557609A1] An apparatus for the on-line control and for automatic ejection of wrong and/or defective foldable box blanks in the manufacture of foldable box cartons is described, in which folding and gluing steps proceed one after the other. The signalling detectors, such as code readers, activate an ejector which is arranged to the side of the conveying path and which removes undesired blanks from the current manufacture. For this purpose, a linear ejector is provided at an acute angle of attack relative to the conveying direction, for transporting approximately in the conveying plane. The speed at which blanks to be removed are transported away by the linear injector is adjusted, the ejector speed being expressed as a defined function of the conveying speed via a control circuit by means of an actual/set value check. <IMAGE>

IPC 1-7

**B31B 1/74**; **B65H 29/62**

IPC 8 full level

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CPC (source: EP US)

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Cited by

DE102008021319A1; DE102006021998A1; DE102006021998B4; EP1020392A3; EP2554278A4; EP1020392A2; US9096405B2; EP2113374A2

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