

Title (en)

Automatic device for feeding strips or the like to a conveyor element, in particular for packing box assembling machines.

Title (de)

Automatische Vorrichtung zum Beschicken eines Förderbandes mit Latten oder dergleichen, insbesondere für Montageeinrichtungen von Verpackungskisten.

Title (fr)

Dispositif automatique pour conduire des planchettes ou similaires à une bande transporteuse, notamment pour machines à assembler des caisses d'emballage.

Publication

EP 0421412 A1 19910410 (EN)

Application

EP 90119016 A 19901004

Priority

IT 2194789 A 19891006

Abstract (en)

The present invention relates to an automatic device for feeding strips or the like to a conveyor element, in particular for machines for assembling packing boxes. The device comprises a loader element for a stack of strips, which is arranged above a resting plane which has traction elements which are controllably movable along a feed direction. There is a supporting element which defines a resting region for a first end of the lower strip of the stack in a direction which is transverse to the feed direction. Proximate to the supporting element there is an extractor element which can engage the lower strip and is controllably movable along a path which has a component which is transverse to the feed direction to obtain the disengagement of the lower strip from the resting region with the passage of the strip from a first position, in which it rests with its first end on the supporting element above the resting plane and with its second end, which is opposite to the first one, on the resting plane in a position of non-interference with the traction elements, to a second position, in which it is translated along a direction which is transverse to the feed direction and is rested on the resting plane in a position suitable for being moved by the traction elements.

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CPC (source: EP)

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Citation (search report)

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