Title (en)

A SERVICE UNIT INTENDED TO CONVERT INTO PACKAGES THE PAPER WEB PROCESSED BY A PRINTER SUPPLIED WITH A PREFORMED PAPER SUPPORT

Publication

EP 0148734 A3 19860115 (EN)

Application

EP 84830358 A 19841227

Priority

IT 4960783 A 19831230

Abstract (en)

[origin: EP0148734A2] A service unit intended to be associated <<in cascade>> to a high-speed printer for automatically converting the continuous paper web printed thereby into packages separated from each other without causing any dead time during the work of the printer, the number of the sheets forming the packages being either program-predetermined by the service unit or directly determined by the printer through interfacing or printing of suitable codes on the paper web. The service unit comprises a device for completely disengaging from the printer when an interfacing between the two units is not available. The service unit comprises in combination: a paper transport assembly using transport holes and having a constant and adjustable maximum tension; an assembly for the connection with the transport head comprising a plurality of sensors for detecting the necessary data which vary according to the unit version; a paper guiding, folding and packaging assembly for forming the package; a paper web cutting assembly for separating the packages; a plane for holding the package being formed comprising a means for flattening the upper portion of the package, which plane can be program operated; a means for expelling the separated package; a means which can be extracted on request for facilitating the repositioning of the package on the package holding plane; a means for detecting the top of the package and other means and sensors necessary to the aim of the invention, the operation of which is controlled by an electronic unit comprising a microprocessor.

IPC 1-7

B41J 11/58; B65H 45/101

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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Designated contracting state (EPC)

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DOCDB simple family (publication)

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