Title (en)

Active work station for a stream of printed products in shingled formation

Title (de)

Aktive Schnittstelle für einen Schuppenstrom von Druckprodukten

Title (fr)

Poste de traitement actif pour un courant de produits imprimés en formation imbriquée

Publication

**EP 0567807 B1 19970618 (DE)**

Application

**EP 93105576 A 19930403**

Priority

CH 132592 A 19920427

Abstract (en)

[origin: EP0567807A1] The interface according to the invention for printed products conveyed in an imbricated formation is used between an imbricated-stream-delivering device and an imbricated-stream-receiving device. The function of the interface is to modify the flow parameters of the input stream (Si) in such a manner that an output stream (So) is produced which meets the requirements of the downstream imbricated-stream-receiving device. The interface has an input (I) for an input stream (Si) and an output (O) for an output stream (So) and, between the input and output, a serial arrangement of functional elements (UE, PE, RE). The interface has at least one deflector element (UE) and at least one other functional element (PE, RE) and the serial arrangement is such that a deflector element (UE) is always connected between two other functional elements (PE, RE). The interface requires a minimum of conveyor belts (41, 42, 45, 46), since each conveyor belt running out of one functional element is the conveyor belt running into the next functional element. In each functional element, the imbricated stream is adjusted for the next functional element as regards velocity, imbrication spacing and position of the printed products on the conveyor belt. <IMAGE>

IPC 1-7

**B65H 29/66**

IPC 8 full level

**B65H 29/66** (2006.01)

CPC (source: EP US)

**B65H 29/6645** (2013.01 - EP US); **B65H 29/6654** (2013.01 - EP US); **B65H 29/6663** (2013.01 - EP US); B65H 2511/22 (2013.01 - EP US)

Cited by

FR2763057A1; DE10347807A1; EP0806391A1; US5419678A; CH689773A5; US7677559B2; EP0591659B1

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