

Title (en)

Device for longitudinally aligning plate-like elements in a feeding station of a machine for treating them

Title (de)

Vorrichtung zum longitudinalen Ausrichten von plattenförmigen Bauteilen in einer Zuführstation einer Maschine zu ihrer Bearbeitung

Title (fr)

Dispositif pour l'alignement longitudinal d'éléments en plaques dans une station d'introduction d'une machine les travaillant

Publication

**EP 1136404 B1 20040721 (FR)**

Application

**EP 01103808 A 20010216**

Priority

CH 4482000 A 20000308

Abstract (en)

[origin: CA2339561A1] Device (1) for the longitudinal alignment of plate shaped workpieces (2) in the infeed station of a processing machine. The device is secured by two lateral brackets (9,10) between which is located a conveyor track for the workpieces comprising two plates (5,6) each folded downwise onto a line (7) non-perpendicular to the feed (3) of the workpieces (2). The latter are moved downstream by means of at least two conveyor belts that pass around at least two pulleys (15,16) secured between fixed bearings (11-14) at the input of the device. The device (1) has on its leading edge a transverse protection plate (39) above which are flaps (30-32) movable with a transverse shaft (24) connecting the leading edges of the two lateral brackets (9,10). This shaft oscillates through 45 degrees, synchronized with the production speed of the machine in order to effect the alignment of said successive workpieces (2). The shaft is made of several linked segments (26-28) each one of them bearing one of the said flaps (30-32).

IPC 1-7

**B65H 9/06**

IPC 8 full level

**B65H 9/00** (2006.01); **B31B 50/02** (2017.01); **B65H 9/06** (2006.01)

CPC (source: EP KR US)

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