

Title (en)

Air turn for contactless deflecting a web of fibrous material

Title (de)

Umlenkvorrichtung zum berührungslosen Umlenken einer Faserstoffbahn

Title (fr)

Dispositif de renvoi pour dévier sans contact une bande fibreuse

Publication

EP 1614647 A1 20060111 (DE)

Application

EP 05103547 A 20050429

Priority

DE 102004032647 A 20040706

Abstract (en)

The deflection unit (10) to shift the path of a moving web (11) of paper or cardboard, at a papermaking machine or a coating applicator, has an air permeable surface (12) with pores in two layers (13,14). The pressure within the unit is at 1-12 bar, and especially 3-6 bar, to form separate air streams (E) as an air cushion between the deflection surface and the web. The air feed (L) uses ambient or conditioned air. The porous surface is a sintered material and/or a textile fabric and/or plastics.

IPC 8 full level

B65H 23/24 (2006.01); **B65H 23/32** (2006.01)

CPC (source: EP)

B65H 23/24 (2013.01); **B65H 23/32** (2013.01)

Citation (search report)

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