

Title (en)

TURNING BAR FOR A MATERIAL WEB.

Publication

**EP 0619257 A3 19951108 (DE)**

Application

**EP 94103008 A 19940301**

Priority

DE 4311438 A 19930407

Abstract (en)

[origin: US5520317A] An adjustable turning bar for a material web is provided with an adjustably positionable tube that has a plurality of compressed air discharge openings. A slide tube is disposed within the turning bar tube and is also provided with a plurality of air openings. The slide tube is shiftable axially within the turning bar tube to align selected ones of the slide tube's air openings with the appropriate compressed air discharge openings on the turning bar. Air openings not being used will be closed off.

IPC 1-7

**B65H 23/32**

IPC 8 full level

**B41F 13/06** (2006.01); **B65H 20/14** (2006.01); **B65H 23/24** (2006.01); **B65H 23/32** (2006.01); **B65H 29/24** (2006.01)

CPC (source: EP US)

**B65H 23/32** (2013.01 - EP US); **B65H 2406/1115** (2013.01 - EP US); **B65H 2406/12** (2013.01 - EP US); **B65H 2406/14** (2013.01 - EP US)

Citation (search report)

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- [A] DE 1072080 B
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- [AP] EP 0582927 A1 19940216 - KOENIG & BAUER AG [DE]
- [X] PATENT ABSTRACTS OF JAPAN vol. 10, no. 118 (M - 475)<2175> 2 May 1986 (1986-05-02)

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

**US 22345094 A 19940405**; DE 4311438 A 19930407; DE 59404383 T 19940301; EP 94103008 A 19940301; JP 6974494 A 19940407; RU 94011564 A 19940407