

Title (en)

Air foil wing extension for an air turn.

Title (de)

Luftleitflügel für eine pneumatische Wendestange.

Title (fr)

Aile défectrice de flux d'air pour une barre de changement de direction à coussin d'air.

Publication

EP 0675064 A1 19951004 (EN)

Application

EP 95301853 A 19950320

Priority

US 22161494 A 19940401

Abstract (en)

Air turn for supporting and optionally drying a web, comprising an arcuate surface and two opposed, circumferentially spaced, transversely arranged air supply nozzle slots which supply pressurized air to the space between the web and the arcuate surface of the air turn. Air foil wing extensions are provided along the leading and/or trailing longitudinal edges of the air turn to reduce web flutter. Each wing extension includes a flat, non-perforated section and an angled perforated section. <IMAGE>

IPC 1-7

B65H 23/24

IPC 8 full level

D06B 23/04 (2006.01); **B65H 23/24** (2006.01); **F26B 13/02** (2006.01); **F26B 13/10** (2006.01)

CPC (source: EP)

B65H 23/24 (2013.01); **B65H 2406/111** (2013.01)

Citation (search report)

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- [A] GB 1307695 A 19730221 - ILFORD LTD
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US5967457A; WO9803418A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI NL SE

DOCDB simple family (publication)

EP 0675064 A1 19951004; EP 0675064 B1 19971001; AT E158781 T1 19971015; CA 2145058 A1 19951002; CA 2145058 C 20030527; CZ 79495 A3 19951213; DE 69500781 D1 19971106; DE 69500781 T2 19980226; HU 9500958 D0 19950529; HU T71216 A 19951128; JP H0848446 A 19960220; RU 95104881 A 19961220; SK 42995 A3 19951011

DOCDB simple family (application)

EP 95301853 A 19950320; AT 95301853 T 19950320; CA 2145058 A 19950320; CZ 79495 A 19950329; DE 69500781 T 19950320; HU 9500958 A 19950331; JP 7567595 A 19950331; RU 95104881 A 19950330; SK 42995 A 19950331