

Title (en)

Apparatus and method for stabilizing a moving web

Title (de)

Vorrichtung und Verfahren zur Stabilisierung einer sich bewegenden Bahn

Title (fr)

Appareil et procédé pour la stabilisation d'une bande en mouvement

Publication

EP 2223877 A3 20110105 (EN)

Application

EP 10001935 A 20100225

Priority

- US 15558309 P 20090226
- US 69562010 A 20100128

Abstract (en)

[origin: EP2223877A2] An apparatus for causing an air movement in a cross-machine direction and substantially parallel with a stabilizer surface (17) adjacent a moving web (4), the apparatus positioned adjacent the stabilizer (1) at or outside a sheet edge (16) of the stabilizer (1), the apparatus directing a fluid movement in a direction moving away from the side edges (5) of the moving web (4) to stabilize the edges of the web (5).

IPC 8 full level

B65H 23/02 (2006.01); **B41J 11/00** (2006.01); **B65H 23/34** (2006.01); **G03G 15/00** (2006.01)

CPC (source: EP US)

B65H 23/24 (2013.01 - EP US); **B65H 2301/51256** (2013.01 - EP US); **B65H 2406/112** (2013.01 - EP US); **B65H 2601/2531** (2013.01 - EP US); **B65H 2601/254** (2013.01 - EP US); **B65H 2701/1315** (2013.01 - EP US); **G03G 2215/00662** (2013.01 - EP US)

Citation (search report)

- [XII] DE 4226169 A1 19940210 - MONFORTS GMBH & CO A [DE]
- [XI] US 4053967 A 19771018 - MAIR FRANZ
- [XI] US 6257158 B1 20010710 - ASAZUMA YOSHIYUKI [JP], et al

Cited by

CN106629193A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2223877 A2 20100901; **EP 2223877 A3 20110105**; CA 2693213 A1 20100826; CN 101818462 A 20100901; JP 2010247989 A 20101104; US 2010213305 A1 20100826

DOCDB simple family (application)

EP 10001935 A 20100225; CA 2693213 A 20100217; CN 201010123567 A 20100226; JP 2010039058 A 20100224; US 69562010 A 20100128