

Title (en)

Folding station with adjustable folding belt

Title (de)

Faltstation mit einstellbarem Faltriemen

Title (fr)

Station de pliage avec une bande de pliage ajustable

Publication

EP 1604812 B1 20111123 (DE)

Application

EP 05102769 A 20050408

Priority

DE 102004022342 A 20040504

Abstract (en)

[origin: EP1604812A1] A folding shunt (16), a positioning roller (10), a deflection roller (9) and a pressure roller (14) are arranged, such that distance between a folding strap (8) and a folding line of a blank is made adjustable with respect to the folding line by separate adjustment devices, for guiding the folding strap. The folding strap deflects side pieces upwardly and folds the side pieces of the blank. An independent claim is included for a folding box gluing machine.

IPC 8 full level

B31B 3/64 (2006.01); **B31B 5/36** (2006.01); **B31B 50/58** (2017.01); **B31B 50/62** (2017.01); **B31B 50/96** (2017.01)

CPC (source: EP US)

B31B 50/00 (2017.07 - EP US); **B31B 50/26** (2017.07 - EP US); **B31B 50/58** (2017.07 - EP US); **B31B 50/624** (2017.07 - EP US); **B31B 50/626** (2017.07 - EP US); **B31B 50/96** (2017.07 - EP US); **B31B 2100/00** (2017.07 - EP US); **B31B 2100/0022** (2017.07 - EP US); **B31B 2120/30** (2017.07 - EP US)

Cited by

WO2015176875A1; DE102014107031A1; TWI574835B

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1604812 A1 20051214; **EP 1604812 B1 20111123**; AT E534509 T1 20111215; CN 1693058 A 20051109; CN 1693063 B 20100505; DE 102004022342 A1 20051124; ES 2375811 T3 20120306; JP 2005319779 A 20051117; JP 4954490 B2 20120613; US 2005221968 A1 20051006; US 7670274 B2 20100302

DOCDB simple family (application)

EP 05102769 A 20050408; AT 05102769 T 20050408; CN 200510071280 A 20050508; DE 102004022342 A 20040504; ES 05102769 T 20050408; JP 2005115610 A 20050413; US 10717205 A 20050415