

Title (en)

SUPPORT OF A FLEXIBLE BEND IN A REVOLVING FLAT CARD

Title (de)

LAGERUNG EINES FLEXIBELBOGENS IN EINER WANDERDECKELKARDE

Title (fr)

SUPPORT D'UNE FEUILLE FLEXIBLE DANS UNE CARDE A CHAPEAUX MOBILES

Publication

EP 3124657 B1 20191016 (DE)

Application

EP 16175904 A 20160623

Priority

CH 11112015 A 20150731

Abstract (en)

[origin: US2017029984A1] The invention relates to a support of a flexible bend (7) in a revolving flat card (1) comprising a cylinder (4) and a cylinder axis. The support comprises at least three bearing points (20), each of which has a bearing bolt (21) and an adjusting lever (26). The flexible bend (7) is held, at each bearing point (20), on the bearing bolt (21) in such a way that a rotational motion (22) of the bearing bolt (21) brings about a displacement of the flexible bend (7) radially with respect to the cylinder axis. The bearing bolt (21) has a bearing bolt axis (25), a fastening portion (23), a moving portion (22), and a contact surface (24) for the contact of the flexible bend (7). The contact surface (24) is formed by a surface, which spirals around the bearing bolt axis (25).

IPC 8 full level

D01G 15/28 (2006.01); **D01G 15/30** (2006.01)

CPC (source: CN EP US)

D01G 15/28 (2013.01 - CN EP US); **D01G 15/30** (2013.01 - US)

Cited by

WO2024089167A1

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)

EP 3124657 A1 20170201; **EP 3124657 B1 20191016**; CH 711367 A1 20170131; CN 106400213 A 20170215; CN 106400213 B 20210312; US 10240261 B2 20190326; US 2017029984 A1 20170202

DOCDB simple family (application)

EP 16175904 A 20160623; CH 11112015 A 20150731; CN 201610609974 A 20160729; US 201615224601 A 20160731