

Title (en)

BAND GUIDE FRAME WITH MAGNETIC CLOSURE DEVICE

Title (de)

BANDFÜHRUNGSRAHMEN MIT MAGNETSCHLIESSEINRICHTUNG

Title (fr)

CADRE DE GUIDAGE DE BANDE AVEC DISPOSITIF DE FERMETURE MAGNÉTIQUE

Publication

**EP 3891075 C0 20230607 (DE)**

Application

**EP 19786542 A 20191008**

Priority

- DE 102018131395 A 20181207
- EP 2019077235 W 20191008

Abstract (en)

[origin: WO2020114652A1] The invention relates to a strapping machine comprising a strap guidance frame (9) having a strap guidance channel and a plurality of closure elements (11), which are arranged in a distributed manner over the length of the channel and are movable from a position closing the channel into a position opening the channel, the closure elements (11) being fixable in the position closing the channel by means of a closure force that is generated by a magnetic closure device. The problem addressed by the invention is to create a strapping machine in which the wear of the closing elements is reduced. Said problem is solved according to the invention in that the magnetic closure device has a displacement means for displacing at least part of the magnetic closure device so that the closure force is cancelled or an opening force directed counter to the closure force is generated.

IPC 8 full level

**B65B 13/06** (2006.01); **B65B 13/18** (2006.01)

CPC (source: EP US)

**B65B 13/06** (2013.01 - EP US); **B65B 13/18** (2013.01 - EP); **B65B 13/185** (2013.01 - EP US)

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

Participating member state (EPC – UP)

AT BE BG DE DK EE FI FR IT LT LU LV MT NL PT SE SI

DOCDB simple family (publication)

**DE 102018131395 A1 20200610**; CN 113165759 A 20210723; CN 113165759 B 20221209; EP 3891075 A1 20211013; EP 3891075 B1 20230607; EP 3891075 C0 20230607; ES 2953314 T3 20231110; US 11345497 B2 20220531; US 2021394939 A1 20211223; WO 2020114652 A1 20200611

DOCDB simple family (application)

**DE 102018131395 A 20181207**; CN 201980078747 A 20191008; EP 19786542 A 20191008; EP 2019077235 W 20191008; ES 19786542 T 20191008; US 201917295105 A 20191008