

Title (en)
STRAPPING DEVICE

Title (de)
UMREIFUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE CERCLAGE

Publication
EP 3556667 B1 20210414 (DE)

Application
EP 18168243 A 20180419

Priority
EP 18168243 A 20180419

Abstract (en)
[origin: US2019322398A1] A strapping apparatus has a frame, a single drive motor carried on the frame and having an output shaft, a feed roller connected to the motor and rotatable on the frame, and a tightening roller connected to the motor and rotatable on the frame. A strap from a supply is spanned over and passes between the feed and tightening roller to the object. A lever is pivoted on the frame parallel to the feed and tightening axes for movement between two angularly offset end positions. A feed counter roller freely rotatable on the lever is engageable in one of the end positions with the feed roller to pinch and advance the strap toward the object, and a tightening counter roller rotatable on the lever is engageable in the other of the end positions with the tightening roller to pinch and pull the strap away from the object.

IPC 8 full level
B65B 13/22 (2006.01)

CPC (source: CN EP US)
B65B 13/027 (2013.01 - US); **B65B 13/18** (2013.01 - CN); **B65B 13/187** (2013.01 - US); **B65B 13/22** (2013.01 - EP US);
B65B 27/08 (2013.01 - US)

Designated contracting state (EPC)
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EP 3556667 A1 20191023; EP 3556667 A8 20200108; EP 3556667 B1 20210414; CN 110386285 A 20191029; CN 110386285 B 20220726;
ES 2870996 T3 20211028; US 11027866 B2 20210608; US 2019322398 A1 20191024

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EP 18168243 A 20180419; CN 201910315309 A 20190419; ES 18168243 T 20180419; US 201916387616 A 20190418