

Title (en)
DRIVE ASSEMBLY

Title (de)
ANTRIEBSANORDNUNG

Title (fr)
ENSEMBLE D'ENTRAÎNEMENT

Publication
EP 4332007 A1 20240306 (EN)

Application
EP 23185764 A 20230717

Priority
US 202217814227 A 20220721

Abstract (en)
A tool to bundle a plurality of elongate articles using a weldable tape includes a guide block, a motor assembly, and a drive block. The motor assembly can include a motor and a gear train. The drive block can include a first bracket, a second bracket, a first wheel assembly, a second wheel assembly, and a spring element. The drive block can connect to the gear train of the motor assembly using a slot and tooth arrangement. A rotation of the motor can cause a rotation of the first wheel assembly and the second wheel assembly of the drive block to feed the weldable tape through the tool.

IPC 8 full level
B65B 13/00 (2006.01); **B65B 13/02** (2006.01); **B65B 13/18** (2006.01); **B65B 13/22** (2006.01); **B65B 13/32** (2006.01)

CPC (source: EP US)
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B65B 13/22 (2013.01 - EP US); **B65B 13/32** (2013.01 - EP US); **B65B 13/327** (2013.01 - EP US); **B65B 65/02** (2013.01 - EP US)

Citation (search report)

- [XYI] US 2013276415 A1 20131024 - HABERSTROH JAMES A [US], et al
- [Y] CA 2253605 A1 19980911 - THOMAS & BETTS INT [US]
- [Y] CN 205819628 U 20161221 - SHENZHEN SHI WEIDE AUTOMATION TECH CO LTD
- [A] US 2933261 A 19600419 - FALCK-PEDERSEN KJELL A

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
US 2024025584 A1 20240125; CA 3204902 A1 20240121; EP 4332007 A1 20240306; MX 2023008539 A 20240122

DOCDB simple family (application)
US 202217814227 A 20220721; CA 3204902 A 20230626; EP 23185764 A 20230717; MX 2023008539 A 20230719