

Title (en)
Tying machine

Title (de)
Bindemaschine

Title (fr)
Machine à ficeler

Publication
EP 2189376 A1 20100526 (EN)

Application
EP 08253806 A 20081125

Priority
EP 08253806 A 20081125

Abstract (en)

There is disclosed a tying machine (100) for forming bundles from a plurality of propellant sticks. Such bundles may be used to form a propellant charge for use in, for example, heavy artillery. The tying machine tends to comprise an aperture (6) and a work surface (8) such that the plurality of sticks may rest on the work surface (8) and occupy a portion of the aperture (6). Further, a drum (10) holding one end of a length of twine surrounds the aperture (6) and can be rotated to wind the twine around the sticks. The twine can be secured once the sticks are bound.

IPC 8 full level
B65B 13/12 (2006.01); **B65B 27/10** (2006.01)

CPC (source: EP)
B65B 13/12 (2013.01); **B65B 27/10** (2013.01)

Citation (search report)

- [XY] GB 558154 A 19431223 - J G JACKSON & CROCKATT LTD, et al
- [XY] US 2471304 A 19490524 - BUNN BENJAMIN H
- [Y] DE 9319856 U1 19940310 - SPINNEREI UND SEILWARENFABRIK [DE]
- [Y] EP 0369233 A1 19900523 - DANIELI OFF MECC [IT]
- [A] WO 2005098258 A1 20051020 - COEL MOTORI S R L [IT], et al

Cited by
CN118083221A; CN110171596A

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

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