

Title (en)
Wire binding machine

Title (de)
Drahtbindemaschine

Title (fr)
Machine de cerclage par torsadage

Publication
EP 2896469 A1 20150722 (EN)

Application
EP 14151890 A 20140121

Priority
EP 14151890 A 20140121

Abstract (en)
A wire binding machine comprising: - a wire guiding device (10) for guiding a wire in a loop around a space configured for receiving one or more objects to be bound; - a twisting head (22), which is rotatable for binding portions of said wire together by twisting; and - a clamping member (50), which is pivotable between an advanced wire clamping position, in which the clamping member is pressed against the twisting head in order to clamp a leading end of the wire against the twisting head, and a retracted position. The clamping member is biased towards the advanced wire clamping position by a spring member (51). Against the action of the spring force from the spring member, the clamping member is pivotable from the advanced wire clamping position to the retracted position under the effect of a cam mechanism.

IPC 8 full level
B21F 15/04 (2006.01); **B65B 13/06** (2006.01); **B65B 13/28** (2006.01); **B65B 27/10** (2006.01)

CPC (source: EP)
B65B 13/06 (2013.01); **B65B 13/28** (2013.01); **B65B 27/10** (2013.01); **E04G 21/123** (2013.01); **B21F 15/04** (2013.01)

Citation (search report)
• [Y] US 4252157 A 19810224 - OHNISHI FUKUJI
• [Y] US 2003121424 A1 20030703 - DOYLE DAVID R [US], et al

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IT202000002776A1; EP3403940A1; IT201700054188A1; US10613908B2; WO2021161258A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
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DOCDB simple family (application)
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