

Title (en)
WIRE BINDING MACHINE

Title (de)
DRAHTBINDEMASCHINE

Title (fr)
MACHINE DE CERCLAGE

Publication
EP 4303139 A1 20240110 (EN)

Application
EP 22183351 A 20220706

Priority
EP 22183351 A 20220706

Abstract (en)
A wire binding machine with a twisting head (22), which is rotatable to bind portions of a wire (2) together by twisting and which comprises two wire gripping members (27a, 27b). A first drive member (41) is non-rotatably fixed to the twisting head and rotatable by a first electric motor (24) in order to rotate the twisting head. A second drive member (42) is rotatable in relation to the twisting head by a second electric motor (44) from a rotary starting position to a rotary end position. A motion transferring mechanism (50, 51a, 51b) is configured to transfer a rotary movement of the second drive member (42) in relation to the twisting head (22) from the rotary starting position to the rotary end position into sequential movements of the gripping members (27a, 27b) from a wire releasing position to a wire gripping position.

IPC 8 full level
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B65B 13/06 (2013.01); **B65B 13/187** (2013.01); **B65B 13/28** (2013.01); **B65B 27/10** (2013.01); **B65B 65/02** (2013.01)

Citation (applicant)
• EP 2578498 B1 20131211 - SUND BIRSTA AB [SE]
• EP 2535278 B1 20131211 - SUND BIRSTA AB [SE]

Citation (search report)
• [A] US 5121682 A 19920616 - PARKER ALEXANDER L [US], et al
• [A] US 4559977 A 19851224 - DILLEY GERALD G [US]
• [AD] EP 2578498 B1 20131211 - SUND BIRSTA AB [SE]

Designated contracting state (EPC)
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Designated extension state (EPC)
BA ME

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KH MA MD TN

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