

Title (en)
AUTOMATIC STRAPPING HEAD

Title (de)
AUTOMATISCHER UMREIFUNGSKOPF

Title (fr)
TÊTE DE CERCLAGE AUTOMATIQUE

Publication
EP 3778407 A1 20210217 (EN)

Application
EP 20745939 A 20200113

Priority
• ES 201930120 U 20190124
• ES 2020070017 W 20200113

Abstract (en)
An automatic strapping head with a frame (3) made up of six aluminium plates that are welded together to create a prismatic box-like structure. It incorporates at least one clamp (5); a series of levers (33, 34); a strapping input guiding system (8, 11, 12), a strapping output system (13, 14); a resistor (27); a counterplate (26); a number of cams (7, 21); a tool for ejecting the strapping (15); a tool for gripping and joining the strapping (16); and two servomotors (1, 2), one primary (1) and one secondary (2), connected to a conical gear reducer and a high-performance planetary gear unit, which are responsible for transmitting movement to the various elements that make up the head. All of this is controlled by a number of logical control tools connected to a display screen, or something similar, enabling the user to view the data obtained while operating the head, which is helpful for modifying operational parameters.

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

CPC (source: EP)
B65B 13/04 (2013.01); **B65B 13/32** (2013.01); **B65B 57/00** (2013.01); **B65B 65/02** (2013.01)

Designated contracting state (EPC)
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Designated extension state (EPC)
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