

Title (en)  
DEVICE FOR DRYING A METAL STRIP

Title (de)  
VORRICHTUNG ZUM TROCKNEN EINES METALLSTREIFENS

Title (fr)  
DISPOSITIF D'ESSORAGE D'UNE BANDE METALLIQUE

Publication  
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Application  
**EP 17780507 A 20170926**

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Abstract (en)  
[origin: WO2018060581A1] Treatment device (1) intended for drying a laminated strip (B) comprising: - two crosspieces (2, 3), lower and upper, extending transversely to the metal strip, on either side of the strip, the upper crosspiece (2) embedding an upper pressure cylinder (4) and supporting rollers (5) of said upper pressure cylinder, the lower crosspiece (3) embedding a lower pressure cylinder (6) and the supporting rollers (7) of said lower pressure cylinder, - the actuation means (Vh) and the guiding means enabling the crosspieces (2, 3) to pass from a retracted position, known as idle position, to a close position (P2), known as working position, for which the two pressure cylinders (4, 6), lower and upper, arranged on either side of the strip, transversely to the direction of travel, are each intended to be pressure-applied on the strip by means of said supporting rollers (5, 7) distributed along the length of the pressure cylinder, and along at least two rotating axes (A4; A7) parallel to the longitudinal axis of said pressure cylinder. According to the invention, for each crosspiece (2; 3), lower or upper, - a first compartment (50; 70) supports all said supporting rollers (5; 7) connected to the lower or upper pressure cylinder, the first compartment (50; 70) being a removable element of the crosspiece (2; 3), by sliding said compartment along the longitudinal axis of the crosspiece, - a second compartment (40; 60) supports the pressure cylinder (4; 6), lower or upper, the second compartment being a removable element of the crosspiece, by sliding said compartment along the longitudinal axis of the crosspiece, and such as to enable the extraction of said pressure cylinder (4; 6) by sliding said second compartment (4; 6), while the first compartment (50; 70) and the corresponding supporting rollers (5; 7) are kept in said crosspieces (2; 3).

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