Title (en)

DEVIATION DEVICE FOR A COILER INSTALLATION FOR COILING STRIPS

Title (de)

UMLENKVORRICHTUNG EINER HASPELANLAGE ZUM AUFHASPELN VON BÄNDERN

Title (fr)

DISPOSITIF DEFLECTEUR SUR UNE INSTALLATION D'ENROULEMENT DE BANDES

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Application

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Abstract (en)

[origin: WO2004054733A1] The invention relates to a device for deviating strips, in particular metal strips in a coiler installation, from an initial guide route (1) to a final guide route (2) and vice versa. Said device comprises a driver mechanism (3) comprising a pair of driver rollers (4, 4') and actuating members that are located downstream in the displacement direction (B) of the belt, a separator device (5) that can be pivoted towards the initial or final guide route (1, 2) and a guide table (6), which is pivotally mounted underneath the separator and can be pressed against the lower driver roller (4') to act as a skimmer. The aim of the invention is to optimise the deviation of the strips. To achieve this, the upper and lower faces of the separator device (5) are convex and said device is mounted in an articulated manner at the delivery end of an associated roller conveyer (7, 7') for transporting the strips, in such a way that it exposes the initial guide route (1) in the raised position, lying against the upper driver roller (4) to act as a skimmer and the guide table (6) is concave to adapt to the lower face of the separator device (5). A respective actuating organ, e.g. a hydraulic unit (8, 8') is allocated to both the separator device (5) and the guide table (6).

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