

Title (en)
DEVICE FOR INSPECTING A METAL STRIP

Title (de)
VORRICHTUNG ZUR PRÜFUNG EINES BLECHSTREIFENS

Title (fr)
DISPOSITIF D'INSPECTION D'UNE BANDE MÉTALLIQUE

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Application
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Abstract (en)
[origin: WO2009047395A1] The invention relates to a device for inspecting a metal strip (M), that successively comprises a processing section (A), shears (14), a coiler (2) with at least two coiling mandrels (21, 21') rotating about an axis (20) orthogonal to the running direction in order to alternatively shift each mandrel (21, 21') from a coiling start position (E1) to a coiling end position (E2), a means (4) for guiding the strip (M) after shearing towards the mandrel in the coiling start position (E1), and an inspection device (5) including means for conveying a sample (M1) collected on the strip (M) towards an inspection table (5), characterised in that, when in the coiling start position (E1), the mandrel (21) is located substantially at the level of a running plane (P) of the strip (M) downstream from the shears (14) while, when in the coiling end position (E2), the mandrel (21') is located above said running plane (P) so that the traction force (T) applied by the strip (M) is always directed downwards, and in that the sample conveying means (6) are arranged to pass above the coil (3) at any moment during the winding and independently from the diameter thereof.

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