

Title (en)

HIGH-TEMPERATURE ANNEALING LINE ROLL

Title (de)

FÖRDERROLLE EINER HOCHTEMPERATUR-GLÜHSTRECKE

Title (fr)

ROULEAU DE LIGNE DE RECUIT HAUTE TEMPERATURE

Publication

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Application

EP 10770608 A 20100922

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Abstract (en)

[origin: WO2011039452A1] The invention relates to a high-temperature annealing line roll (100) comprising a cylindrical envelope (120) and at least one spindle (130; 140) consisting of a metallic material mounted on one of the ends of the cylindrical envelope, said at least one spindle comprising a mandrel (131; 141) that can rotatably drive the cylindrical envelope (120). The cylindrical envelope (120) consists of a thermostructural composite material. The roll (100) also comprises at least one holding element (150; 160) for holding the envelope (120) on the spindle (130; 140), said element comprising a crown or a plurality of crown segments (151, 152; 161, 162) fixed to an end of said envelope, each crown or crown segment being extended by at least one elastic tongue (153; 163), the end of which is supported on the spindle.

IPC 8 full level

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