

Title (en)

SECURE HANDLING OF SLEEVES OR METAL COLLARS HAVING A SMALL EXTERNAL DIAMETER ON A MANDREL

Title (de)

SICHERES HANDHABEN VON HÜLSEN ODER METALLBUNDEN MIT KLEINEM AUSSENDURCHMESSER AN EINEM HASPELDORN

Title (fr)

MANIPULATION SÉCURISÉE DES MANCHONS OU BOBINES MÉTALLIQUES PRÉSENTANT UN PETIT DIAMÈTRE EXTÉRIEUR SUR UN MANDRIN DE BOBINEUSE

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Application

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Abstract (en)

[origin: WO2022207401A1] The invention relates to a coil-transporting carriage (1) with adjustable retaining arms (11) and to a method for the reliable handling of metal coils (20) of small external diameter, or of sleeves (21), on a coiler mandrel (22). The coil-transporting carriage (1) has a vertically displaceable coil saddle (5) for accommodating a coil (20) or a sleeve (21), also has two retaining arms (11) for stabilizing the coil (20) or the sleeve (21), the retaining arms being arranged opposite one another on the coil saddle (5) and being pivotable by means of rotary drives (9), and additionally has a second drive unit (13) for moving the coil-transporting carriage (1). For pulling off from a coiler mandrel (22), the coil saddle (5) is positioned against a coil (20) located on the coiler mandrel (22) and the retaining arms (11) are pivoted onto the coil (20). For pushing onto a coiler mandrel (22), first a sleeve (21) is placed on the coil saddle (5) of the coil-transporting carriage (1) and is thereby guided by the retaining arms (11).

IPC 8 full level

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