

Title (en)
ELECTRODE SLIPPING DEVICE

Title (de)
ELEKTRODENGLEITVORRICHTUNG

Title (fr)
DISPOSITIF DE GLISSEMENT D'ÉLECTRODE

Publication
EP 3586569 B1 20211215 (EN)

Application
EP 17897433 A 20170227

Priority
FI 2017050126 W 20170227

Abstract (en)
[origin: WO2018154173A1] An electrode slipping device (1) comprises an upper holder ring (2) and a lower holder ring (3) having one or more clamping assemblies including a clamping shoe (4) and a clamping device (5). The clamping shoe (4) is operable between a clamping position and a release position. The clamping device (5) comprises a frame element (6) fixedly attachable to a holder ring (2, 3) to be stationary in relation to the holder ring, a cylinder portion (7), a plunger (8) and a pressing spring (11) arranged inside the cylindrical housing (9) of the plunger (8) for urging the plunger (8) towards the clamping shoe (4) and for pressing the clamping shoe (4) against the electrode (E). A tension bar (12) is releasably attached to the end plate (10) of the plunger (8). A piston element (15) is arranged movable inside the cylinder portion (7) to form a hydraulic power means (16). The clamping device (5) comprises one and single tension bar (12) arranged centrally in relation to the frame element (6), the plunger (8), the pressing spring (11) and the piston element (15).

IPC 8 full level
H05B 7/107 (2006.01); **H05B 7/10** (2006.01); **H05B 7/109** (2006.01)

CPC (source: EA EP)
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