

Title (en)
SMALL-SIZED SERVICE MODULE FOR ALUMINIUM ELECTROLYSIS FACTORIES

Title (de)
KLEINES SERVICEMODUL FÜR ALUMINIUMELEKTROLYSEFABRIKEN

Title (fr)
MODULE DE SERVICE COMPACT DESTINE AUX USINES DE PRODUCTION D'ALUMINIUM PAR ELECTROLYSE

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Application
EP 05778791 A 20050622

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Abstract (en)
[origin: WO2006010816A2] The invention relates to a service module for factories producing aluminium by fusion electrolysis. The turret (9) of the inventive service module (7) is provided with a determined tool set, wherein each tool (101, 102, 103) is mounted on a telescopic arm (111, 112, 113) which is fixed to the turret (9) by a hinge support (121, 122, 123) which enables said telescopic arm to be perpendicularly movable with respect to a determined hinge point without rotating around the main axis thereof. Said telescopic arms are interconnected by a mechanical connection device (200) which maintains the relative angular deviation between the perpendicular movements thereof within a given tolerance range. Said invention makes it possible to bring the tools closer without striking each other during the use thereof.

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