

Title (en)  
REMOTE-DRIVEN SERVICE MODULE DESIGNED FOR ALUMINUM PRODUCTION PLANTS

Title (de)  
FERNSTEUERBARES SERVICEMODUL FÜR ANLAGEN ZUR ELEKTROLYTISCHEN HERSTELLUNG VON ALUMINIUM

Title (fr)  
MODULE DE SERVICE PILOTABLE A DISTANCE DESTINE AUX USINES DE PRODUCTION D'ALUMINIUM

Publication  
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Application  
**EP 07731052 A 20070227**

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Abstract (en)  
[origin: WO2007101928A2] The invention concerns a service module (7) of a series of electrolytic cells designed for aluminum production by fused-salt electrolysis comprising a chassis (8) capable of being fixed on a carriage (6) moving along a mobile bridge (4) and equipped with a set of tools including in particular at least one anode handling member (11). The invention is characterized in that it is also equipped with at least two viewing means (41 and 42) for transmitting images captured as electromagnetic signals, typically two video cameras, said viewing means being spaced apart from each other and from the working zone, to be able to target the working zones in two non-parallel directions (D1) and (D2), preferably forming an angle of about 90° between them. Said service module can also comprise a third camera (43) which enables the tools and their working zone to be viewed as well as a fourth camera (44) fixed at the base of anode clamp actuators.

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**B66C 13/46** (2013.01); **C25C 3/06** (2013.01); **C25C 3/125** (2013.01); **C25C 3/14** (2013.01)

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