

Title (en)

Service machine for electrolytic cells in aluminium production

Title (de)

Bedienungsmaschine für Elektrolysezellen bei der Aluminiumproduktion

Title (fr)

Machine de service de cellules d'électrolyse pour la production d'aluminium

Publication

EP 1443128 B1 20050706 (FR)

Application

EP 03356013 A 20030131

Priority

EP 03356013 A 20030131

Abstract (en)

[origin: EP1443128A1] The coupling system (100) between a transport module such as a carriage and handling and serving equipment of an aluminium electrolysis production plant consists of a fixed frame (101) with a journal (102) surrounded by a rotary sleeve (121), and first (110) and second (120) rotary frames able to rotate round the sleeve. It has sliding electrical contacts (113, 114) between the frames and drive systems (140, 141, 142, 150, 151, 152) that turn the frames relative to one another about a common axis (103).

IPC 1-7

C25C 3/14; **C25C 3/06**; **B66C 17/08**

IPC 8 full level

B66C 17/08 (2006.01); **C25C 3/06** (2006.01); **C25C 3/14** (2006.01)

CPC (source: EP US)

B66C 17/08 (2013.01 - EP US); **C25C 3/06** (2013.01 - EP US); **C25C 3/14** (2013.01 - EP US)

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

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EP 1443128 A1 20040804; **EP 1443128 B1 20050706**; AR 042735 A1 20050629; AT E299193 T1 20050715; BR PI0407135 A 20060207; CA 2512745 A1 20040819; CA 2512745 C 20111129; CN 100485094 C 20090506; CN 1742117 A 20060301; DE 60300977 D1 20050811; DE 60300977 T2 20060420; IS 8000 A 20050829; US 2006060469 A1 20060323; WO 2004070086 A2 20040819; WO 2004070086 A3 20041118; WO 2004070086 A8 20041021

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