

Title (en)

Lifting and load handling device for an aluminium production installation

Title (de)

Vorrichtung zum Heben und Handhaben von Lasten für eine Aluminium-Herstellungsanlage

Title (fr)

Unité de levage et de manutention de charges au sein d'une installation de production d'aluminium

Publication

**EP 1101726 B1 20050209 (FR)**

Application

**EP 00420224 A 20001031**

Priority

FR 9914580 A 19991119

Abstract (en)

[origin: EP1101726A1] A unit for the lifting and handling of charges (7) at the heart of an installation for the production of aluminium by igneous electrolysis is claimed, the installation comprising at least one series of electrolysis cells in series and being provided with a rail track destined to allow the displacement of at least one overhead crane over the series of cells for the realisation of the different functions necessary for operating the installation. The lifting and handling unit makes up one of the overhead cranes, on which are at least two lifting and handling assemblies, each mounted on a chariot (11, 12, 13), able to be displaced in a direction perpendicular to the translation of the station (7). This lifting and handling unit (7) is characterised in that the chariots are able to move on the unit one above the other in order to allow them to cross each other.

IPC 1-7

**B66C 17/06**; **C25C 3/14**; **B66C 17/00**

IPC 8 full level

**B66C 11/00** (2006.01); **B66C 17/00** (2006.01); **C25C 3/10** (2006.01)

CPC (source: EP)

**B66C 11/00** (2013.01); **B66C 17/00** (2013.01); **B66C 17/06** (2013.01); **C25C 3/10** (2013.01)

Cited by

FR3016900A1; CN100362137C; EP3030696A4; CN104498999A; CN106365039A; FR2862663A1; AU2004293215B2; RU2699600C2; US7779540B2; WO2005051833A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**EP 1101726 A1 20010523**; **EP 1101726 B1 20050209**; AT E288873 T1 20050215; DE 60018020 D1 20050317; DE 60018020 T2 20051229; ES 2234546 T3 20050701; FR 2801295 A1 20010525; FR 2801295 B1 20011221; NO 20005805 D0 20001117; NO 20005805 L 20010521; NO 321743 B1 20060626

DOCDB simple family (application)

**EP 00420224 A 20001031**; AT 00420224 T 20001031; DE 60018020 T 20001031; ES 00420224 T 20001031; FR 9914580 A 19991119; NO 20005805 A 20001117