

Title (en)

Electrical conductor, process for manufacturing an electrical conductor and electrode for electrolysis cell.

Title (de)

Elektrischer Leiter, Verfahren zur Herstellung eines elektrischen Leiters und Elektrode für Elektrolysezelle.

Title (fr)

Conducteur électrique, procédé de fabrication d'un conducteur électronique et électrode pour cellule d'électrolyse.

Publication

**EP 0508537 B1 19950705 (FR)**

Application

**EP 92200972 A 19920404**

Priority

BE 9100361 A 19910418

Abstract (en)

[origin: JPH05120918A] PURPOSE: To provide easily producing and economical electric conductor formed of the armored bar with high electric conductivity in the containing areas of the bar and the armored material. CONSTITUTION: Metallic bar 1 is covered with armor 2 made of different metal from that of the said metallic bar. The bar 1 has at least one longitudinal groove 3 and 3' to fill up with beads 4 and 4' made of the same metallic material of the armor 2 and welded to the bar 1 and the armor 2 has openings facing with the beads 4 and 4'. The said openings fill up with the metallic lumps 9 and 9' welded to the beads 4 and 4' and the armor 2. Said conductor finds out one use as an electrode with metal plate longitudinally fixed to the said conductor.

IPC 1-7

**C25B 9/04**; **C25C 7/02**

IPC 8 full level

**C25B 1/02** (2006.01); **C25B 9/04** (2006.01); **C25B 11/02** (2006.01); **C25C 7/02** (2006.01); **H01B 5/02** (2006.01)

CPC (source: EP US)

**C25B 9/65** (2021.01 - EP US); **C25C 7/02** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB IT LI NL PT SE

DOCDB simple family (publication)

**EP 0508537 A1 19921014**; **EP 0508537 B1 19950705**; AT E124730 T1 19950715; BE 1004728 A3 19930119; BR 9201407 A 19921201; CA 2066319 A1 19921019; CS 117092 A3 19921118; DE 69203267 D1 19950810; DE 69203267 T2 19951221; DK 0508537 T3 19951127; ES 2074807 T3 19950916; JP H05120918 A 19930518; PL 168915 B1 19960531; PL 294252 A1 19921019; US 5286925 A 19940215

DOCDB simple family (application)

**EP 92200972 A 19920404**; AT 92200972 T 19920404; BE 9100361 A 19910418; BR 9201407 A 19920415; CA 2066319 A 19920416; CS 117092 A 19920416; DE 69203267 T 19920404; DK 92200972 T 19920404; ES 92200972 T 19920404; JP 9632192 A 19920416; PL 29425292 A 19920416; US 86675992 A 19920410