

Title (en)

Alkaline galvanizing bath comprising a filtration membrane

Title (de)

Alkalisches Galvanikbad mit einer Filtrationsmembran

Title (fr)

Bain galvanique contenant une membrane de filtration

Publication

**EP 1717353 A1 20061102 (DE)**

Application

**EP 05009127 A 20050426**

Priority

EP 05009127 A 20050426

Abstract (en)

The alkaline electroplating bath has an anode and a cathode. The anode region and cathode region are separated by a filtration membrane. An independent claim is also included for use of filtration membrane.

IPC 8 full level

**C25D 17/00** (2006.01); **C25D 3/56** (2006.01)

CPC (source: EP KR US)

**C25D 3/565** (2013.01 - EP US); **C25D 17/002** (2013.01 - EP US); **C25D 17/02** (2013.01 - KR); **C25D 21/06** (2013.01 - KR); **C25D 21/22** (2013.01 - EP US)

Citation (search report)

- [E] WO 2005073438 A1 20050811 - COVENTYA SAS [FR], et al
- [A] US 3974049 A 19760810 - JAMES GEORGE STEPHEN [ZA], et al
- [A] EP 1365046 A1 20031126 - UNIV TOULOUSE [FR], et al

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Designated contracting state (EPC)

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

Designated extension state (EPC)

AL BA HR LV MK YU

DOCDB simple family (publication)

**EP 1717353 A1 20061102; EP 1717353 B1 20090422**; AT E429528 T1 20090515; BR PI0610765 A2 20100720; BR PI0610765 B1 20170404; CA 2600273 A1 20061102; CA 2600273 C 20140812; CN 101146934 A 20080319; CN 104911651 A 20150916; CN 104911676 A 20150916; CN 104911676 B 20171117; DE 502005007138 D1 20090604; EP 2050841 A1 20090422; EP 2050841 B1 20160511; ES 2324169 T3 20090731; ES 2574158 T3 20160615; JP 2008539329 A 20081113; JP 4955657 B2 20120620; KR 101301275 B1 20130829; KR 20070122454 A 20071231; US 2009107845 A1 20090430; US 8293092 B2 20121023; WO 2006114305 A1 20061102

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