

Title (en)
COATED RESHAPED ALUMINIUM SEMI-FINISHED PRODUCTS AND/OR COMPONENTS AND METHOD FOR THE PRODUCTION THEREOF

Title (de)
BESCHICHTETE ALUMINIUMHALBZEUGE UND/ODER -BAUTEILE UND VERFAHREN ZU IHRER HERSTELLUNG

Title (fr)
DEMI-PRODUITS ET/OU ELEMENTS EN ALUMINIUM FACONNES ET ENDUITS, ET PROCEDE DE FABRICATION ASSOCIE

Publication
EP 1372872 B1 20080702 (DE)

Application
EP 02719679 A 20020312

Priority
• DE 0200924 W 20020312
• DE 10112991 A 20010313

Abstract (en)
[origin: US2004105972A1] The invention relates to the field of chemistry and concerns coated reshaped aluminum semi-finished products and/or components which are coated with a two-step hardening/cross-linking coating agent and a method for the production thereof. The aim of the invention is to disclose and to produce coated reshaped aluminum semi-finished products and/or components which as semi-finished products can still be re-shaped and hardened at high temperatures. The object is attained through coated reshaped aluminum semi-finished products and/or components which are coated with an at least two-step hardening/cross-linking coating agent and at most partially hardened/cross linked, and the formed coating film is elastic. The object is also attained through a method in which aluminum semi-finished products and/or components are coated with at least one coating agent and the layer(s) in a first step are covered with film and partially hardened/partially cross-linked and substantially hardened/cross-linked in an at least second step during and/or after at least one reshaping process.

IPC 8 full level
B05D 7/14 (2006.01); **B05D 3/02** (2006.01); **B05D 7/00** (2006.01); **B05D 3/12** (2006.01)

CPC (source: EP US)
B05D 3/0209 (2013.01 - EP US); **B05D 7/546** (2013.01 - EP US); **B05D 3/12** (2013.01 - EP US); **B05D 2202/25** (2013.01 - EP US); **B05D 2701/10** (2013.01 - EP US); **Y10T 428/256** (2015.01 - EP US)

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 02072285 A2 20020919; **WO 02072285 A3 20030626**; AT E399602 T1 20080715; AU 2002250819 A1 20020924; CA 2440998 A1 20020919; DE 10211512 A1 20030102; DE 10211512 B4 20070531; DE 50212437 D1 20080814; DK 1372872 T3 20081103; EP 1372872 A2 20040102; EP 1372872 B1 20080702; ES 2309160 T3 20081216; US 2004105972 A1 20040603

DOCDB simple family (application)
DE 0200924 W 20020312; AT 02719679 T 20020312; AU 2002250819 A 20020312; CA 2440998 A 20020312; DE 10211512 A 20020312; DE 50212437 T 20020312; DK 02719679 T 20020312; EP 02719679 A 20020312; ES 02719679 T 20020312; US 47158203 A 20030912