

Title (en)

METHOD AND COMPOSITION FOR METALLIC FINISHES

Title (de)

METALLÜBERZUG UND ENTSPRECHENDES VERFAHREN

Title (fr)

PROCEDE ET COMPOSITION DE PRODUITS DE FINITION DE METAL

Publication

EP 1495085 A4 20051102 (EN)

Application

EP 02728642 A 20020401

Priority

US 0210090 W 20020401

Abstract (en)

[origin: WO03093386A1] An economical process for creating decorative and/or functional finishes on chrome, involves formation of a polyurethane film on the chrome substrate, wherein a strong and durable adhesion between the polyurethane film and the metal substrate is achieved by employing a silane adhesion promoter. Specific embodiments involve the use of an aromatic amine functional silane-coupling agent and/or an epoxy functional silane-coupling agent to achieve excellent adhesion between the polyurethane film and a chrome surface.

IPC 1-7

C09K 3/00; **B05D 7/16**; **B32B 27/40**; **B05D 7/00**

IPC 8 full level

B05D 7/00 (2006.01); **B05D 7/16** (2006.01); **B32B 27/40** (2006.01); **B05D 5/06** (2006.01)

CPC (source: EP)

B05D 7/16 (2013.01); **B05D 7/534** (2013.01); **B05D 5/06** (2013.01); **B05D 2601/02** (2013.01)

Citation (search report)

- [X] EP 1134251 A1 20010919 - KANEKA CORP [JP]
- [X] DATABASE WPI Section Ch Week 199329, Derwent World Patents Index; Class M11, AN 1993-232842, XP002324974
- See references of WO 03093386A1

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 03093386 A1 20031113; AT E411370 T1 20081015; AU 2002258686 A1 20031117; DE 60229442 D1 20081127; EP 1495085 A1 20050112; EP 1495085 A4 20051102; EP 1495085 B1 20081015

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