

Title (en)
METHOD FOR PRODUCING A COMPOSITE BODY WITH AN ELECTRODEPOSITED COATING UNDER INTERNAL COMPRESSIVE STRESS

Title (de)
VERFAHREN ZUR HERSTELLUNG EINES VERBUNDKÖRPERS MIT EINER DRUCKEIGENSPIGUNGSBELASTETEN GALVANISCHEN BESCHICHTUNG

Title (fr)
PROCEDE DE PRODUCTION D'UN CORPS COMPOSITE POURVU D'UN REVETEMENT ELECTROLYTIQUE SOUMIS A DES CONTRAINTES INTERNES DE COMPRESSION

Publication
EP 1920088 A1 20080514 (DE)

Application
EP 06791720 A 20060829

Priority
• EP 2006008458 W 20060829
• DE 102005041078 A 20050830

Abstract (en)
[origin: DE102005041078A1] Production of a composite article with a compressive internal stress loaded electrodeposited coating involves surface treatment of a starting composite article, consisting of a base structure with an electrodeposited coating (I), by targetted input of mechanical energy into (I), using treatment parameters adapted to the natures of the base structure and (I), to cause local plastic deformation in (I).

IPC 8 full level
C25D 5/22 (2006.01); **C25D 5/48** (2006.01)

CPC (source: EP US)
C25D 5/48 (2013.01 - EP US)

Citation (search report)
See references of WO 2007025723A1

Cited by
DE102018219181A1; EP3650586A1; US11021805B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
DE 102005041078 A1 20070301; DE 102005041078 B4 20070524; EP 1920088 A1 20080514; EP 1920088 B1 20130626; WO 2007025723 A1 20070308

DOCDB simple family (application)
DE 102005041078 A 20050830; EP 06791720 A 20060829; EP 2006008458 W 20060829