

Title (en)
DEVICE AND METHOD FOR PRESERVING COMPONENTS

Title (de)
VORRICHTUNG UND VERFAHREN ZUR KONSERVIERUNG VON BAUTEILEN

Title (fr)
DISPOSITIF ET PROCÉDÉ POUR LA PROTECTION DE COMPOSANTS

Publication
EP 2498916 B2 20200122 (DE)

Application
EP 10779712 A 20101111

Priority
• DE 102009052654 A 20091111
• EP 2010006880 W 20101111

Abstract (en)
[origin: WO2011057785A1] The invention relates to a device for preserving components with a preservative (51), in particular for preserving hollow spaces of components of motor vehicle chassis components, wherein the device, in addition to the preservative (51), applies a hardener (53) that reacts with the preservative (51), thus allowing the preservative (51) to cure.

IPC 8 full level
B05B 7/04 (2006.01); **B01F 5/02** (2006.01); **B05B 7/06** (2006.01); **B05B 7/08** (2006.01); **B05B 13/06** (2006.01); **B05B 13/04** (2006.01)

CPC (source: EP US)
B01F 25/23 (2022.01 - EP US); **B05B 7/0408** (2013.01 - EP US); **B05B 7/061** (2013.01 - EP US); **B05B 7/0846** (2013.01 - EP US); **B05B 13/0627** (2013.01 - EP US); **B01F 2101/2305** (2022.01 - EP US); **B05B 13/0431** (2013.01 - EP US); **B05B 13/0452** (2013.01 - EP US); **B05B 13/0457** (2013.01 - EP US); **B05C 5/00** (2013.01 - US); **B05C 5/027** (2013.01 - US)

Citation (opposition)
Opponent :
• DE 3109520 A1 19820415 - NISSAN MOTOR [JP], et al
• DD 287876 A5 19910314 - KAROSSERIE SPEZIALBAU DR SEIFE [DE]
• US 7297372 B2 20071120 - LI ZHICHENG [US], et al
• US 3848802 A 19741119 - DEGGINGER E, et al
• DE 10047838 A1 20020411 - CHEMICON BAUTECHNIK GMBH [DE]
• DE 10148493 A1 20030424 - ITW AUTOMOTIVE PROD GMBH & CO [DE]
• EP 2076336 A1 20090708 - POMA SONDERMASCHINEN UND VORRI [DE]
• EP 1644130 A1 20060412 - INNOSTARTER AG [CH]
• US 7264303 B2 20070904 - FUKUDOME HIDEKI [JP], et al
• US 6554212 B2 20030429 - BORCEA NICKY [US], et al

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
DE 102009052654 A1 20110512; CN 102596421 A 20120718; CN 102596421 B 20161228; EP 2498916 A1 20120919; EP 2498916 B1 20170111; EP 2498916 B2 20200122; ES 2621187 T3 20170703; ES 2621187 T5 20200922; US 2012282405 A1 20121108; US 9409192 B2 20160809; WO 2011057785 A1 20110519

DOCDB simple family (application)
DE 102009052654 A 20091111; CN 201080051140 A 20101111; EP 10779712 A 20101111; EP 2010006880 W 20101111; ES 10779712 T 20101111; US 201013509110 A 20101111