

Title (en)

A method of manufacturing a painted motor-vehicle body.

Title (de)

Verfahren zur Herstellung einer lackierten Kraftfahrzeug-Karosserie.

Title (fr)

Procédé pour la fabrication d'une carrosserie laquée d'automobile.

Publication

EP 0438773 A1 19910731 (EN)

Application

EP 90125419 A 19901224

Priority

IT 6705290 A 19900124

Abstract (en)

The method of manufacturing a painted motor-vehicle body comprising drawn sheet-metal components, comprises the steps of prepainting the sheet metal with at least one anchoring coat (primer) and at least one covering paint coat, drawing the prepainted sheet metal to the desired shapes and assembling the prepainted, drawn components. To advantage, the sheet metal is prepainted by a continuous process with the application of a polyurethane paint cross-linked by the permeation of a vaporised amine which can cause the cross-linking of the paint. <IMAGE>

IPC 1-7

B05D 1/36; **B05D 7/14**

IPC 8 full level

B05D 3/04 (2006.01); **B05D 7/00** (2006.01); **B05D 7/16** (2006.01); **B05D 1/28** (2006.01); **B05D 5/06** (2006.01)

CPC (source: EP)

B05D 3/046 (2013.01); **B05D 7/16** (2013.01); **B05D 7/546** (2013.01); **B05D 1/286** (2013.01); **B05D 5/06** (2013.01)

Citation (search report)

- [X] US 3891471 A 19750624 - SUMMERS JOHN E, et al
- [Y] US 4659395 A 19870421 - SUGAMA TOSHIFUMI [US], et al
- [AD] US 4396647 A 19830802 - LINDEN GARY L
- [A] DE 8807848 U1 19880818
- [X] US 4812365 A 19890314 - SAUNDERS WILLIAM T [US], et al
- [X] US 4720403 A 19880119 - JASENOF KENNETH E [US], et al
- [X] FR 2182987 A1 19731214 - ROBERTSON BAUELEMENTE GMBH [DE]
- [X] US 3593848 A 19710720 - LANDAU ARTHUR H
- [X] US 4702968 A 19871027 - MASUHARA KENICHI [JP], et al
- [X] US 4818350 A 19890404 - BATZAR KENNETH [US]
- [X] DE 2200180 A1 19730726 - KABEL METALLWERKE GHH

Cited by

DE4243795A1; EP3460098A1; ES2190828A1; DE19612898C1; US5987727A; DE102009004199A1; WO2021255080A1; WO9736694A1

Designated contracting state (EPC)

DE ES FR GB SE

DOCDB simple family (publication)

EP 0438773 A1 19910731; **EP 0438773 B1 19960221**; DE 69025467 D1 19960328; DE 69025467 T2 19960704; IT 1239859 B 19931115; IT 9067052 A0 19900124; IT 9067052 A1 19910724

DOCDB simple family (application)

EP 90125419 A 19901224; DE 69025467 T 19901224; IT 6705290 A 19900124