

Title (en)

Method for the production of external vehicle bodywork components by stamping, using pre-painted metal sheet.

Title (de)

Verfahren zur Herstellung von ausseren Fahrzeugteilen durch Stanzen mit vorbeschichteten Blechen.

Title (fr)

Procédé pour la fabrication de parties extérieures de véhicules par estampage avec de tôles prérevêtues.

Publication

**EP 0603772 A1 19940629 (EN)**

Application

**EP 93120457 A 19931217**

Priority

IT TO921030 A 19921222

Abstract (en)

A method for the production of external vehicle bodywork components by stamping, especially for small or medium runs, in which a roll of metal sheet pre-painted with a base coat is processed in series along a single production line, wherein the roll is cut into sections, each section is stamped into the desired component and the "finished" section is painted immediately before or after the stamping operation following washing and drying, using an electrostatic powder paint method and carrying out painting within an oven of the paternoster type. <IMAGE>

IPC 1-7

**B05D 7/14**

IPC 8 full level

**B05D 7/14** (2006.01)

CPC (source: EP)

**B05D 7/14** (2013.01)

Citation (search report)

[A] B. MEUTHEN: "Breitband-beschichtung anlagen mit Pulverlackierung", STAHL UND EISEN, vol. 112, no. 4, 15 April 1992 (1992-04-15), DUSSELDORF DE, pages 67 - 69, XP000274131

Cited by

CN103143623A; DE19612898C1; US5987727A; WO9522412A1

Designated contracting state (EPC)

DE FR GB SE

DOCDB simple family (publication)

**EP 0603772 A1 19940629; EP 0603772 B1 19980401**; DE 69317745 D1 19980507; DE 69317745 T2 19980730; IT 1257949 B 19960219; IT TO921030 A0 19921222; IT TO921030 A1 19940622

DOCDB simple family (application)

**EP 93120457 A 19931217**; DE 69317745 T 19931217; IT TO921030 A 19921222