

Title (en)
METHOD FOR THE PRODUCTION OF INDIVIDUALIZED VEHICLE PARTS, ESPECIALLY INDIVIDUALIZED SHELL PARTS MADE FROM
SERIALLY PRODUCED STANDARD PARTS

Title (de)
VERFAHREN ZUR HERSTELLUNG INDIVIDUALISierter FAHRZEUGTEILE, INSBESONDERE INDIVIDUALISierter AUSSENHAUTTEILE
AUS IN SERIENFERTIGUNG HERGESTELLTEN SERIENTEILEN

Title (fr)
PROCEDE POUR PRODUIRE DES PIECES DE VEHICULE INDIVIDUALISEES, NOTAMMENT DES PIECES D'ENVELOPPE EXTERIEURE
INDIVIDUALISEES A PARTIR DE PIECES DE SERIE FABRIQUEES EN SERIE

Publication
EP 1626824 B1 20080813 (DE)

Application
EP 04711311 A 20040214

Priority
• EP 2004001403 W 20040214
• DE 10324244 A 20030528

Abstract (en)
[origin: WO2004105976A1] Disclosed is a method for producing vehicle parts, particularly shell parts for vehicles, according to which a three-dimensionally preformed semi-finished or finished standard part, especially a standard shell part, is produced for a serially manufactured vehicle type. An individualized part is then produced from the preformed standard part (1) by subsequently embossing a three-dimensional contour (2) into the standard part by means of a spike-type reshaping tool (14) which is pressed against the standard part from one side while being displaced relative to said standard part.

IPC 8 full level
B21D 22/18 (2006.01); **B21D 22/26** (2006.01)

CPC (source: EP KR US)
B21D 22/18 (2013.01 - EP KR US); **B21D 22/26** (2013.01 - EP KR US); **B21D 53/88** (2013.01 - KR)

Cited by
DE102005048220C5

Designated contracting state (EPC)
DE ES FR GB IT SE

DOCDB simple family (publication)
WO 2004105976 A1 20041209; CN 100382910 C 20080423; CN 1795066 A 20060628; DE 10324244 A1 20041230;
DE 502004007843 D1 20080925; EP 1626824 A1 20060222; EP 1626824 B1 20080813; ES 2309499 T3 20081216; JP 2007512960 A 20070524;
KR 20060014060 A 20060214; US 2006090530 A1 20060504

DOCDB simple family (application)
EP 2004001403 W 20040214; CN 200480014486 A 20040214; DE 10324244 A 20030528; DE 502004007843 T 20040214;
EP 04711311 A 20040214; ES 04711311 T 20040214; JP 2006529659 A 20040214; KR 20057022445 A 20051124; US 28720305 A 20051128