

Title (en)
METHOD AND DEVICE FOR REMOVING DENTS FROM SHEET METAL PARTS

Title (de)
VERFAHREN UND ANORDNUNG ZUM AUSBEULEN VON BLECHTEILEN

Title (fr)
PROCEDE ET DISPOSITIF DE DEBOSSSELAGE DE PIECES DE TOLE

Publication
EP 1207973 A1 20020529 (DE)

Application
EP 00958366 A 20000802

Priority
• DE 19937277 A 19990806
• EP 0007493 W 20000802

Abstract (en)
[origin: DE19937277A1] The invention relates to a method for removing dents from sheet metal parts, in particular, from painted parts of a vehicle body, whereby the sheet metal part (3) is locally heated, in an essentially contactless manner, in the area of a dent (B) such that a mechanical tension gradient generated by the local heating causes the dent to straighten back into the original shape of the sheet metal part.

IPC 1-7
B21D 1/06

IPC 8 full level
B21D 1/06 (2006.01)

CPC (source: EP US)
B21D 1/06 (2013.01 - EP US); **Y10S 72/705** (2013.01 - EP US)

Citation (search report)
See references of WO 0110579A1

Cited by
DE102018203728A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
DE 19937277 A1 20010222; DE 19937277 C2 20011018; AU 6991600 A 20010305; DE 50001302 D1 20030327; EP 1207973 A1 20020529; EP 1207973 B1 20030219; US 6684677 B1 20040203; WO 0110579 A1 20010215

DOCDB simple family (application)
DE 19937277 A 19990806; AU 6991600 A 20000802; DE 50001302 T 20000802; EP 0007493 W 20000802; EP 00958366 A 20000802; US 4889802 A 20020715