

Title (en)

Sheet metal repairing method and sheet metal working tool

Title (de)

Verfahren und Vorrichtung zum Reparieren von Metallplatten

Title (fr)

Procédé et appareil pour réparer des tôles

Publication

EP 0916424 A3 20020123 (EN)

Application

EP 98120940 A 19981104

Priority

- JP 32958797 A 19971113
- JP 30848298 A 19981029

Abstract (en)

[origin: EP0916424A2] A dent portion in a sheet metal such as a car body is repaired by locating a bar above the dent portion, permitting a prescribed number of steel rods each having an engaging portion to be engaged to or inserted through the bar, welding one leading end of each of the steel rods to the dent portion in the sheet metal, and drawing the bar by using a drive means separately installed to pull up the steel rods together with the dent portion in the sheet metal, thereby to make the dent portion flat. The dent portion may be pulled out by locating a bar above the dent portion in the sheet metal, inserting a prescribed number of bolts through the bar, welding one leading end of each of the bolts to the dent portion in the sheet metal, screwing nuts to the bolts, and rotating the nuts to draw up the bolts. Thus, the dent portion can easily and appropriately be pulled out with a small rotating force. <IMAGE>

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B21D 1/06

IPC 8 full level

B60S 5/00 (2006.01); **B21D 1/06** (2006.01); **B21D 1/12** (2006.01)

CPC (source: EP)

B21D 1/06 (2013.01)

Citation (search report)

- [A] US 4930335 A 19900605 - ISHIHARA KOSEI [US]
- [A] EP 0544191 A1 19930602 - ISHIHARA KOSEI [JP]
- [A] US 4914942 A 19900410 - ISHIHARA KOSEI [US]
- [A] US 2949144 A 19600816 - DREDSKE ARTHUR P, et al

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