

Title (en)

APPARATUS FOR STRAIGHTENING DEFORMED PARTS OF BODYWORK OF MOTOR VEHICLES

Publication

EP 0394203 A3 19910703 (EN)

Application

EP 90830156 A 19900409

Priority

IT 939989 A 19890414

Abstract (en)

[origin: EP0394203A2] The apparatus for straightening deformed parts of bodywork of motor vehicles is of the transportable type and comprises means of anchorage (4) on a ramp (1) on which the vehicle to be repaired is locked. It further comprises pincers means (22) movable according to three perpendicular axes and pivoting about the same axes. Pincer means (22) are mounted by way of a cross joint (20) to the end of an arm (17) axially sliding and pivoting within a tubular guide (9) about two perpendicular axes defining a plane substantially perpendicular to the longitudinal axis (Z) of said arm (17). All the movements are hydraulically actuated.

IPC 1-7

B21D 1/14

IPC 8 full level

B21D 1/14 (2006.01)

CPC (source: EP)

B21D 1/14 (2013.01)

Citation (search report)

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- [AP] WO 8911353 A1 19891130 - MAEKELAE TOIVO [FI]
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BE CH DE ES FR GB LI NL

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EP 0394203 A2 19901024; EP 0394203 A3 19910703; EP 0394203 B1 19931201; DE 69004848 D1 19940113; DE 69004848 T2 19940630; IT 1233797 B 19920417; IT 8909399 A0 19890414

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