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Europäisches Patentamt
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(11) Publication number:

0 394 203 A3

(12)

EUROPEAN PATENT APPLICATION

(21) Application number: **90830156.7**

(51) Int. Cl.⁵: **B21D 1/14**

(22) Date of filing: **09.04.90**

(30) Priority: **14.04.89 IT 939989**

(43) Date of publication of application:
24.10.90 Bulletin 90/43

(84) Designated Contracting States:
BE CH DE ES FR GB LI NL

(88) Date of deferred publication of the search report:
03.07.91 Bulletin 91/27

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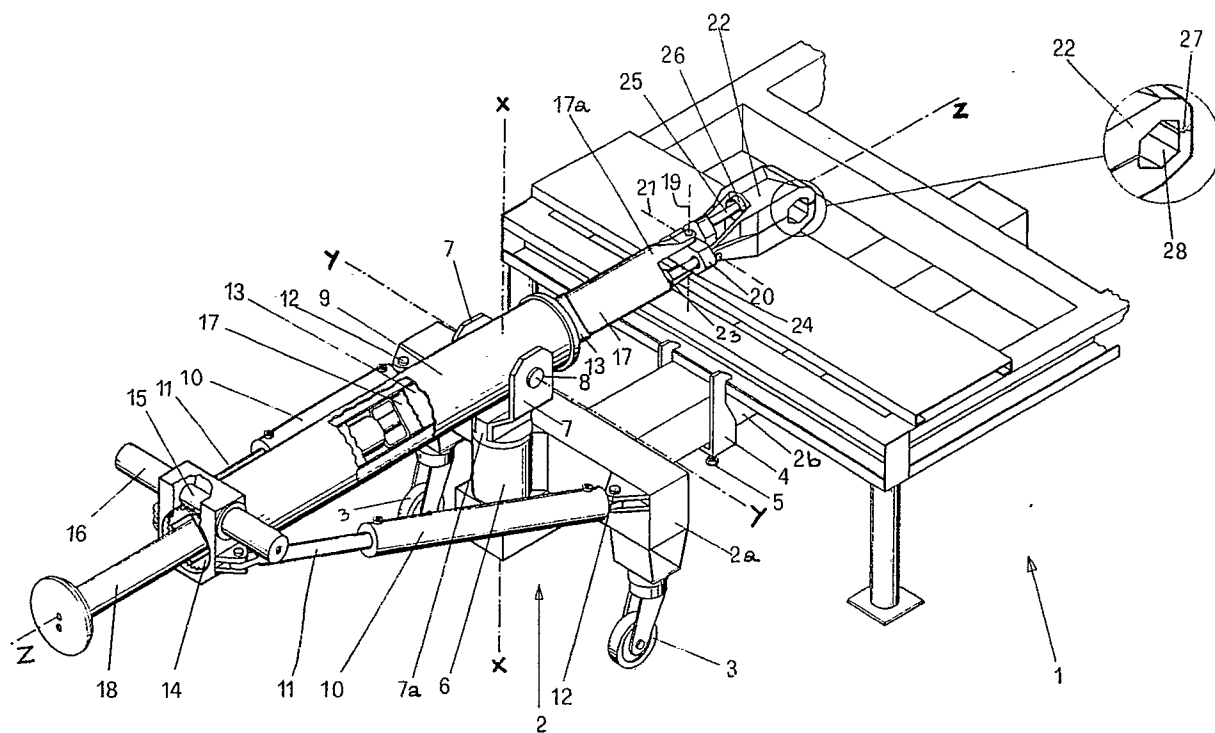
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(54) **Apparatus for straightening deformed parts of bodywork of motor vehicles.**

(57) 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.

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EUROPEAN SEARCH REPORT

Application Number

EP 90 83 0156

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
A	US-A-2 151 063 (WEAVER) * Figures 1,2 * ---	1	B 21 D 1/14
P,A	WO-A-8 911 353 (MÄKELÄ) * Figures 1-5; page 4, lines 18-27; page 6, line 23 - page 7, line 14 * ---	1,6,8, 10	
A	EP-A-0 163 216 (GRAMLICH) * Figures 1-3 * ---	1	
A	US-A-4 466 268 (MATSON) * Figures 1,2 * ---	1	
A	US-A-3 340 720 (CHARTIER) * Figures 1,2,4-6 * -----	1	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			B 21 D
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 28-03-1991	Examiner GERARD O.J.
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	