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(54) **Process for mechanical riveting**

(57) This utility model refers to a process for mechanical riveting whose evident object consists in allowing the definitive mechanical connection and fixing of parts and pieces, for instance hinges for hinged ladders, in a form that dismisses the means hitherto known and used in the art.

The fixing by this mechanical riveting process of, for instance, hinge (1) for hinged ladders consists in specially reamed recesses or drillings (3) made out in the

inner parts (2) in a number depending from the applications and respective loads at stake, and in mechanical deformations or protrusions (5) made out by pressures exerted from outside upon the ends (4) of the outer parts of the connection to be established, in order to provoke the penetration of said deformations or protrusions (5) into said reamings (3).

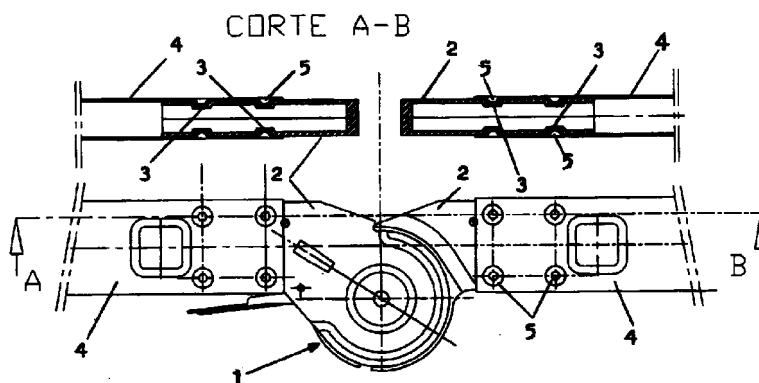


Fig. 1

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Application Number
EP 98 67 0001

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.6)
X	DE 43 44 921 A (RAUSCHENBERGER METALLWAREN GMB) 6 July 1995 (1995-07-06) * column 2, line 23 * * column 4, line 52 - line 64; figure 5 * -----	1	B21J15/02 E06C7/50 B21D39/04
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			B21J B21D B23P F16B E06C
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 28 June 2000	Examiner Marc Augé
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			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
DE 4344921 A	06-07-1995	NONE	

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