

Title (en)

A method for fixing a coupling flange of the connecting crosspieces between the uprights of a scaffold to the tube of the upright itself

Title (de)

Ein Verfahren zum Fixieren eines als Kreuzstück zwischen den Ständern eines Gerüsts dienenden Kupplungsflansches an einem Rohr der Ständer

Title (fr)

Un procédé de fixation d'une bride d'accouplement, servant de croisillon entre les montants d'un échafaudage, à un tube de l'un desdits montants

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Application

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Abstract (en)

The present invention relates to a method for fixing a coupling flange (11) of the connecting crosspieces between the uprights of a scaffold to the tube (10) of the upright itself, comprising the steps of fitting said flange (11) on said tube (10) and radially deforming said tube (10) so as to obtain two locking edges or rings (20,21) suitable for clamping the flange (11) therebetween. The fixing method proposed allows preventing any welding operation between the flange (11) and the upright (10).

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [XY] FR 2615132 A1 19881118 - BOUQUEREL EMILE [FR]
- [XY] DE 19850003 A1 20000504 - PLETTAC AG [DE]
- [XY] FR 2562127 A1 19851004 - COMABI SA [FR]
- [Y] US 3327385 A 19670627 - SHAVER RAYMOND H
- [Y] US 2003029020 A1 20030213 - PRADHAN ARVIND [US]
- [Y] FR 2776605 A1 19991001 - VALEO SYSTEMES DESSUYAGE [FR]
- [Y] US 3183394 A 19650511 - HIPSZER THOMAS J, et al
- [A] EP 0389933 A1 19901003 - LANGER RUTH GEB LAYHER [DE]

Cited by

NL2009987C2; EP2492028A3; CN110153293A; EP2027951A1; US10189385B2; WO2017060384A1; US9701227B2; DE112016004619T5; DE112016004619B4; US10562422B2

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