

Title (en)

METHOD AND MOUNTING DEVICE FOR THE CONTINUOUS MANUFACTURE OF AN ARMOURING FOR MULTI-SECTION OVERHEAD DOORS OR ROLLER SHUTTERS

Publication

EP 0044881 B1 19850116 (DE)

Application

EP 80104507 A 19800730

Priority

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Abstract (en)

[origin: EP0044881A1] 1. Method for the continuous manufacture of an armouring for multisection over head doors or roller shutters, in which a hollow metal section having first and second linkage elements (22, 31) is produced and then cut by means of a dividing apparatus into section pieces (2, 3) of predetermined length, and in which these pieces are joined to one another by their linkage elements, each section piece being introduced longitudinally into an assembly device (5) with one linkage being thereby slid into a linkage of a preceding section piece, with the sections that have already been slidingly joined being held during the sliding-in and then further transported at right angles to the long axis of the section pieces, characterised in that a) a first section piece (2) is introduced into the assembly device (5) in an upright position, that this section piece (2) is engaged by lifting grips (6) and is lowered vertically into a second position whose location is displaced transversely to the long axis of the section piece by the width of the section piece (2), b) the first section piece (2) is engaged and held in its second position by holding grips (7), c) the lifting grips (6) are returned to their first position, d) a second section piece (3) is introduced into the assembly device in an upright position so that its first linkage element (31) slides into the second linkage element (22) of the first section piece (2) and the second section piece (3) is then engaged by the lifting grips (6), e) steps (a) to (d) of the process are repeated and f) the section pieces that have been slid into one another are thereby moved downwards from the assembly device under their own weight.

IPC 1-7

E06B 9/14

IPC 8 full level

E06B 9/15 (2006.01); **E06B 9/11** (2006.01)

CPC (source: EP)

E06B 9/15 (2013.01); **E06B 2009/17092** (2013.01)

Citation (examination)

- FR 2177642 A1 19731109 - BUBENDORFF RICHARD [FR]
- FR 2166321 A1 19730817 - KOEI MACHINE PRODUCTS CO
- DE 1659434 B1 19701105 - OTTO ANSCHUETZ KUNSTSTOFF U RO

Cited by

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