

Title (en)

Method for mounting steel pipes inside a modular cast aluminium radiator

Title (de)

Verfahren zum Montieren von Stahlrohren in modularen, stranggepressten Aluminium-Radiatoren

Title (fr)

Méthode de montage de tubes d'acier dans un radiateur modulaire en aluminium coulé

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EP 0816791 A1 19980107 (EN)

Application

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Priority

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Abstract (en)

A modular bimetallic structure body (1) is provided having on its ends couple of ducts (2) with screw threads (3) having centrally the mouths (4) of a couple of parallel steel pipes (5) symmetrically convergent at their ends. Said couple of steel pipes integrated into the aluminium structure itself and forming fitting carrier pipe of the canalization. Said modular element with body (1) carried out starting from a preliminary steel structure (6) to be placed in a pressure die-casting mould to obtain the working bodies where the end parts (7) of the preliminary structure (6) come out centrally from the smooth wall ducts (2). Then on the working line (8), with an intermediate feed, the above stated working bodies step in a sequence one after the other in the shearing station (9), on a bearing (10), where a couple of oleodynamic cylinders (11) let simultaneously progress the shearing tools (12) into ducts (2) cutting the end parts (7) and discharge them through the openings (13). A working body is thus formed having in the ducts (2) the mouths of the steel fitting carrier pipes. On the working line (8) the bodies thus obtained reach another working station where the screw thread (3) is operated in the ducts (2). <IMAGE>

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- [A] EP 0481154 A1 19920422 - S I R A SRL [IT]
- [A] FR 1013149 A 19520723

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