

Title (en)

TUBULAR ELEMENT FOR A STRUCTURE, PARTICULARLY WITH A THIN-WALLED DESIGN, FOR A THREE-DIMENSIONAL FRAMEWORK

Publication

EP 0359126 B1 19911211 (DE)

Application

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Priority

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Abstract (en)

[origin: EP0359126A1] It is known to connect the ends of tubular elements (10) for three- dimensional framework to junction pieces (11) by cap screws (12). The cap screws (12) are mounted in a rotatable and axially displaceable manner in the end areas of the elements (10). Their axial movement to the outside is limited in each case by a stop (21) in the end area of each element (10). These stops were previously formed by additional parts which were fixed in the end area of the elements by, for example, welding, brazing, etc. The object of the invention is to avoid these additional parts and their complicated fastening. For this purpose, the stop (21) for the cap screws (12) is in each case formed by forming end sections (24) of the tubular elements (10) in their hollow space. In the case of tubular elements (10) having end sections (22) tapered in a frustum shape, the head (25) of the screws (12) can in addition be driven against the inner wall (27) of these end sections (22) if it is accordingly constructed in a matching frustum shape. <IMAGE>

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IPC 8 full level

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