

Title (en)
TUBE AND MOUNTING FRAME ASSEMBLY

Title (de)
ROHR UND MONTAGERAHMENANORDNUNG

Title (fr)
ENSEMBLE TUBE ET BÂTI DE MONTAGE

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Application
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Abstract (en)
[origin: WO2012065642A1] A hollow tube and mounting frame assembly (200) is disclosed in the present invention. The hollow tube (112, 114) comprises a wall (204) with an inner surface (206) and an outer surface (208). A socket (120), formed in the mounting frame (104, 06), is configured to receive the tube (112, 114). The socket (120) comprises an inner surface (202) that substantially corresponds to the outer surface (208) of the tube (112, 114). Further, a receiving aperture (122), formed in the mounting frame (104, 106), is configured to receive a screw (124) that fastens the tube (112, 114) to the mounting frame (104, 106). A kernel (210) extends into the socket (120) forming a collet (212) between an outer surface (214) of the kernel (210) and the inner surface (202) of the socket (120). The kernel (210) is positioned such that the inner surface (206) of the tube (112, 114) is in contact with the outer surface (214) of the kernel (210) at at least one contact position (216). Moreover, a guide channel (220), formed in the receiving aperture (122), is configured to align the screw (124) substantially parallel to a longitudinal axis (L) of that part of the tube (112, 114) that extends into the collet (212). The guide channel (220) opens into the collet (212) proximate the contact position (216) such that the guide channel (220) overlaps with the space occupied by the wall (204) of the tube (112, 114).

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