

Title (en)
Square for the structural connection of metallic tubular section bars contained for reinforcement purposes inside plastic tubular section bars and method for its mounting

Title (de)
Eckverbinder für Verstärkungsmetallhohlprofile in Kunststoffhohlprofilen und ihre Montageverfahren

Title (fr)
Joint d'angle pour profilés creux métalliques de renforcement disposés à l'intérieur de profilés creux en matière plastique et son procédé de montage

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Application
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Abstract (en)
[origin: EP1333145A2] A square for the structural connection of metallic section bars (2m) contained for reinforcement purposes inside plastic tubular section bars (2p), comprises a pair of connecting elements (3) having a body (4) that can be coupled in prismatic fashion with an inner cavity (7) of the metallic section bars (2m), in such a way as to be able to translate longitudinally therein; and having heads (5), monolithic with the body (4), so shaped as to be coupled in mutual abutment and in abutment with walls (20) of the plastic section bars (2p). The connecting elements (3), made of metallic material, have projections (6) and cavities (7) counter-shaped in complementary fashion and able to penetrate each other and connecting means (10), able to maintain the heads (5) mutually connected in at least a predetermined condition of tightening after the welding of the plastic tubular section bars (2p). A method of mounting forms an integral part of the invention. <IMAGE>

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Cited by
CN106382083A; CN111119691A; CN103953267A; GB2571912A; GB2571912B; EP3511509A1; NL2020272B1; EP1640549A1; NL1027104C2; DE102014116642A1; EP3889384A1; DE102010062751A1; CN103850597A; GB2511163A; GB2511163B; GB2512911B; WO2005019588A1; CN107060595A; US10151138B2; EP3957815A1; EP4382719A3

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