

Title (en)
CORNER CONNECTOR

Title (de)
ECKVERBINDER

Title (fr)
ÉLÉMENT D'ASSEMBLAGE D'ANGLE

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Application
EP 13770635 A 20130906

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Abstract (en)
[origin: WO2014072004A1] A description is given of a corner connector (10) comprising a cubic main body (12) which, on a first cube face (14), has a closed surface and also has two adjoining second (16) and third (18) closed surfaces which extend at right angles to one another and to the first cube face (14), while each of the cube faces located opposite the second and third surfaces have extending from them an attachment with a prismatic outer cross section, on which can be plugged a pipe end with an inner cross section (32) adapted to the outer cross section of the attachment, wherein the attachment has retaining elements (36) which project resiliently beyond its alignment line (34), project into a through-passage (38) formed by the pipe end and position themselves on the one through-passage periphery (40) in order to retain the pipe end (28, 30) axially in an abutment position against the wall surface (20, 21), wherein, according to the invention, the retaining element (36) has a carriage (48) which can be displaced, counter to spring force (46), in a channel (44) arranged transversely to the pipe axis (42) and, in the operating position, has two sloping surfaces projecting out of the channel on account of the spring stressing, wherein the one sloping surface forms, with the displacement direction of the carriage (48), a first, relatively large angle (54) as an inlet surface (52) and the second sloping surface, correspondingly, forms a smaller angle (56) as a retaining surface (50).

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