

Title (en)
TRUSS FRAME, MODULAR TRUSS GIRDER AND BRIDGING AND/OR SUPPORT CONSTRUCTION

Title (de)
FACHWERKRAHMEN, MODULARER FACHWERKTRÄGER UND ÜBERBRÜCKUNGS- UND/ODER TRAGKONSTRUKTION

Title (fr)
CADRE DE TREILLIS, SUPPORT DE CHARPENTE MODULAIRE ET STRUCTURE DE PONTAGE ET/OU DE SUPPORT

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Application
EP 16713283 A 20160127

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Abstract (en)
[origin: WO2016138889A1] The invention relates to a truss frame (20) for constructing a bridging and/or support construction, which truss frame consists of multiple, rod-shaped individual metal parts, namely consisting of two elongated, parallel post pipes (21), each extending in the direction of its longitudinal axis and having an outer circumference (44); two parallel crossbars (22), each extending in the direction of its longitudinal axis and perpendicularly to the post pipes; and an elongated diagonal element (23) that is adjustable in length, which individual parts are hingedly connected to one other by means of bolts (24) such that said parts can be detached from one another. Two parallel connecting plates (36.1, 36.2) are secured in the region of each post pipe end (33.1, 33.2) of the post pipes (21), which plates are disposed on a common, imaginary plane that contains the longitudinal axes of the post pipes (21) and the crossbars (22) and which plates extend away from one another. Each crossbar (22) has crossbar ends (35.1, 35.2) that face away from one another, each of the crossbar ends being hingedly and detachably secured to a connecting plate (36.1, 36.2) of the connecting plates (36.1, 36.2) by means of a bolt (24). The diagonal element (23) has diagonal element ends (61.2, 62.2) that face away from one another, each of the diagonal element ends being hingedly and detachably secured to a connecting plate (36.1, 36.2) of the connecting plates (36.1, 36.2) by means of a bolt (24). At least two rosettes (50) are firmly welded to each post pipe (21) at a distance from one another that corresponds to an integer multiple of a modular size of a module scaffold. A connecting body (41, 57) is firmly welded in the region of at least two post pipe ends (33.1, 33.2), each associated with the same crossbar (22), of the post pipes (21), which body completely surrounds the outer circumference (44) of the respective post pipe (21). Each of the two connecting plates (36.1, 36.2) that are secured in the region of said post pipe ends (33.1, 33.2) is firmly welded to at least the respective connecting body (41, 57).

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