

Title (en)
SCAFFOLD COUPLING ELEMENT WITH A SECURE-SITTING HEAD BOLT

Title (de)
GERÜSTKUPPLUNG MIT SITZSICHERER HAMMERKOPFSCHRAUBE

Title (fr)
RACCORD D'ECHAFAUDAGE POURVU D'UNE VIS A TETE RECTANGULAIRE A MISE EN PLACE FIABLE

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Abstract (en)
[origin: WO0011284A1] The invention relates to a scaffold coupling element (1) with secure-sitting T-head bolts (10) ensuring permanent bracing of the scaffold elements (2) due to the fact that the T-head bolts (10) are fitted with shaped parts (20, 21, 22;24). Said shaped parts (22, 21, 22; 24) are configured to match the bell (26) of the retaining projecting part (11), wherein said parts ensure blocking while preserving the ability to pivot in the bell (26). Said parts are fitted with corresponding contact surfaces (27, 28) or cause blocking in said bell when the T-head bolts (10) are inserted in the bell (26). Said blocking can be further improved in a targeted manner in that the ends of the T-head (17, 18) are stepped starting from the back of the T-head (23) and forming a bevel (38), a short vertical (39) and a longitudinal bevel (40). Furthermore, the edges (42, 43) of the shaft (13) are fitted with chamfers (44, 45). The edges (42, 43) on the back of the T-head (23) enable the insertion of the scaffold element (2) once the T-head bolt (10) has been inserted. In addition to the changes in the T-head bolts (10), the bell (26) has been adapted to match the shape of the T-head (12), wherein both parts are embodied in such a way that they match each other.

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