

Title (en)

Device and method for guiding a carrier for a formwork or protecting element

Title (de)

Vorrichtung sowie Verfahren zum Führen eines Trägers für ein Schalungs- oder Schutzelement

Title (fr)

Dispositif et procédé de guidage d'un support pour un élément de protection ou de coffrage

Publication

EP 2990564 B1 20181010 (DE)

Application

EP 14182443 A 20140827

Priority

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Abstract (en)

[origin: KR20160025467A] The present invention relates to an apparatus and a method to guide a mold form or a supporting unit (8) for a protective member (9) during work for a building by using at least one guide device (1) for accommodating the supporting unit. The guide device (1) includes a fixed member (5) and an accommodating member (2) for the support unit (8). The fixed member is fixated to a position of a wall (15) or a ceiling (3) which are members of a target building. The accommodating member (2) is connected to the fixed member (5) in order to be supported to be movable in at least two axial directions among three axes which are x-axis, y-axis, and z-axis in a virtual orthogonal coordinates system. The virtual orthogonal coordinates system includes the z-axis on which the accommodating member (2) is practically arranged in a vertical direction, the y-axis which is extended desirably and practically in a horizontal direction about the plane by being tilted to a plane formed by the façade of the building, and the x-axis which is extended in a vertical direction about the plane formed by the z-axis and the y-axis.

IPC 8 full level

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CPC (source: EP)

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Cited by

EP3272967A1; CN112523088A; CN114728769A; US9945135B2; WO2019081616A1; WO2019081615A1; US11834852B2

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DOCDB simple family (publication)

EP 2990564 A1 20160302; **EP 2990564 B1 20181010**; CN 205259594 U 20160525; EP 3438377 A1 20190206; EP 3438377 B1 20201007; ES 2703918 T3 20190313; ES 2834884 T3 20210621; HK 1219522 A1 20170407; KR 101870493 B1 20180719; KR 20160025467 A 20160308

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