

Title (en)

Module frame with rigid adjoining tubular cross bar connections

Title (de)

Modulgerüst mit biegesteif anliegenden Rohrriegelanschlüssen

Title (fr)

Structure modulaire dotée de raccords de verrous de tuyaux rigides en flexion

Publication

**EP 2390439 B1 20150819 (DE)**

Application

**EP 11004300 A 20110525**

Priority

DE 102010021623 A 20100526

Abstract (en)

[origin: EP2390439A2] The frame has an elongated vertical shaft (1) made from metal tube and a hollow profile. A hollow coupling profile is inserted into an end of the hollow profile, and a connection disk (3) is fastened to the vertical shaft. A pipe locking connector (4) has side pieces, and connected with a horizontally-running pipe lock (5). The connector is inserted into the connection disk through an edge opening (32), where the coupling profile is connected with the vertical shaft over connectors. Front sides of one of the side pieces lie on the shaft at an outer side of the connectors. An independent claim is also included for a method for assembling a module frame.

IPC 8 full level

**E04G 1/14** (2006.01); **E04G 5/14** (2006.01); **E04G 7/30** (2006.01); **E04G 7/32** (2006.01)

CPC (source: EP)

**E04G 7/301** (2013.01); **E04G 7/307** (2013.01); **E04G 7/32** (2013.01)

Cited by

CN108149909A; CN106917497A; CN111212951A; US2015152654A1; CN115973371A; CN115012638A; CN116220336A; WO2019097072A1

Designated contracting state (EPC)

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**EP 2390439 A2 201111130**; **EP 2390439 A3 20140903**; **EP 2390439 B1 20150819**; DE 102010021623 A1 20111201

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