

Title (en)

Safety guard rails for scaffolding, installation method and scaffolding obtained

Title (de)

Sicherheitsgeländer für Gerüste, Montageverfahren und so erhaltenes Gerüst

Title (fr)

Ensemble de lisse et sous-lisse solidaires pour échafaudage, procédé de montage et échafaudage obtenu

Publication

EP 2180117 B1 20170614 (FR)

Application

EP 09173020 A 20091014

Priority

FR 0805828 A 20081021

Abstract (en)

[origin: EP2180117A2] The assembly (1) has a rail (3) and a sub-rail (5) connected with respect to each other by bars (7). The rail and the sub-rail form branches of a rectangle parallelogram, and are fixed on upright vertical ladder planes of a scaffolding by their ends. The sub-rail comprises articulated external rods (23) in a plane of the parallelogram, where each rod is provided with a jaw hook (25) at an end. The hook fixes the rod on each of the ladder planes for reinforcing a connection of the assembly with respect to the ladder planes. Independent claims are also included for the following: (1) a method for assembling a safety rail and sub-rail assembly for a scaffolding (2) a method for disassembling the rail and sub-rail assembly in the scaffolding.

IPC 8 full level

E04G 5/14 (2006.01)

CPC (source: EP)

E04G 5/14 (2013.01); **E04G 5/147** (2013.01)

Cited by

DE102019114913A1; EP2586931A1; FR2981967A1; GB2475117A; GB2479681A; GB2479681B; GB2475117B; EP3748107A1

Designated contracting state (EPC)

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EP 2180117 A2 20100428; EP 2180117 A3 20131113; EP 2180117 B1 20170614; DK 2180117 T3 20170828; ES 2635112 T3 20171002; FR 2937359 A1 20100423; FR 2937359 B1 20101210; PT 2180117 T 20170810

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