Title (en)

SCAFFOLDING COMPRISING AN ANTI-RELEASE DEVICE FOR FLOORING UNITS

Title (de)

BAUGERÜST MIT AUSHEBESICHERUNGSVORRICHTUNG FÜR BELAGEINHEITEN

Title (fr)

STRUCTURE DE CONSTRUCTION COMPORTANT UN DISPOSITIF DE SÉCURISATION CONTRE L'EXTRACTION POUR DES UNITÉS DE GARNITURE

Publication

EP 2188465 A2 20100526 (DE)

Application

EP 09768814 A 20090310

Priority

- DE 2009000335 W 20090310
- DE 102008030602 A 20080627

Abstract (en)

[origin: US2011036665A1] A scaffolding (20) comprises vertical frame elements (22), crossbeams that extend therebetween, flooring units (27) which have mounting aids (28) to be mounted on the crossbeam (21), and at least one anti-release device (40) for securing the flooring units (27) against being released. The anti-release device (40) can be removably connected to the crossbeam (21) and has a securing member (41) which corresponds to the length of the crossbeam, is to be placed on the mounting aid (28), and is fitted with at least one hook-shaped fastening element (42) that penetrates a hole (33) located in the crossbeam and partially embraces the crossbeam (21) in the anti-release state. One end of the securing member (41) is provided with a pivotable plate which is fastened by means of a hinge and is pivoted from the open position into the locking position and retained by means of a spring mechanism (60). Alternatively or additionally, the hook-shaped fastening element (42) can be made of flat steel, and the parallel lateral surfaces are placed at an adequate distance from the mounting aids (28) in the anti-release state in order to prevent a collision.

IPC 8 full level

E04G 7/28 (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2009155890A2

Cited by

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Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (publication)

US 2011036665 A1 20110217; **US 8544605 B2 20131001**; AT E507361 T1 20110515; AT E522676 T1 20110915; AU 2009264472 A1 20091230; AU 2009264472 A2 20101223; AU 2009264472 B2 20150507; BR PI0912791 A2 20151013; BR PI0912791 B1 20190416; DE 102008030602 A1 20091231; DE 502009000587 D1 20110609; EP 2188465 A2 20100526; EP 2188465 B1 20110427; EP 2224074 A1 20100901; EP 2224074 B1 20110831; ES 2365202 T3 20110926; ES 2370234 T3 20111213; NZ 588059 A 20130628; PL 2188465 T3 20110930; PL 2224074 T3 20120131; WO 2009155890 A2 20091230; WO 2009155890 A3 20100408; ZA 201006492 B 20110525

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