

Title (en)  
SCAFFOLDING SECURITY RAILING

Title (de)  
GERÜSTSICHERHEITSGELÄNDER

Title (fr)  
CLÔTURE DE SÉCURITÉ D'ÉCHAFAUDAGE

Publication  
**EP 3012385 B1 20180815 (EN)**

Application  
**EP 14189469 A 20141020**

Priority  
EP 14189469 A 20141020

Abstract (en)  
[origin: EP3012385A1] The invention relates to a scaffolding structure comprising a number of vertical support posts (1, 1') and between sets of two vertical posts (1, 1'), a horizontal railing element (2) attached to the two vertical posts (1, 1') at the ends, where for the attachment of the railing element (2) the vertical posts (1, 1') are provided with a connecting element (11) comprising at least one opening (12) extending essentially vertically and where for the attachment the railing element (2) comprises an elongate bar (8) and at one end of the elongate bar (8) an engagement element (3) for accommodating the connecting element (11) and with openings adapted to be placed overlapping the opening (12) of the connecting element (11) on the vertical post (1, 1') and where further a locking element (5) is provided for insertion through the openings (12) of the connecting element (11) of the vertical post (1, 1') and the engagement element (3) of the railing element (2) to prevent horizontal movement of the railing element (2), where the engagement element (3) of the railing element (2) is movable relative to the elongate bar (8) between at least a first and a second position, where the locking element (5) is mounted in the engagement element (3) of the railing element (2) to be movable from a mounting position to a locking position, and where the locking element (5) is adapted to maintain the mounting position, and upon movement of the engagement element (3) relative to the elongate bar (8) the locking element (5) is adapted to be released to move into the locking position. The invention further relates to methods for establishing and dismantling a scaffolding structure according to the invention.

IPC 8 full level  
**E04G 7/30** (2006.01); **E04G 5/14** (2006.01); **E04G 7/32** (2006.01)

CPC (source: EP)  
**E04G 5/147** (2013.01); **E04G 7/307** (2013.01); **E04G 7/32** (2013.01)

Citation (examination)  
• JP 2012087595 A 20120510 - KRH KK  
• JP 2010101056 A 20100506 - KRH KK

Cited by  
WO2023227154A1; EP3489435A1; JP2017223082A; EP3839172A1; EP3670785A1; CN111350344A; AU2019284413B2; WO2019238154A1; DE102022113064A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**EP 3012385 A1 20160427**; **EP 3012385 B1 20180815**; DK 3012385 T3 20181126

DOCDB simple family (application)  
**EP 14189469 A 20141020**; DK 14189469 T 20141020