

Title (en)
An advance guard rail

Title (de)
Verbessertes Geländer

Title (fr)
Garde-corps amélioré

Publication
EP 2253778 A3 20110720 (EN)

Application
EP 10163471 A 20100520

Priority
IE 20090389 A 20090520

Abstract (en)
[origin: EP2253778A2] The present application provides an advance guard rail for securing between opposed scaffolding or mobile tower frames, the advance guard rail comprising a frame comprising at least one horizontal upper rail bar, and at least one diagonal bar coupled to and at an oblique angle to said at least one horizontal upper rail bar, a first hook provided at a first end of said horizontal rail bar; and a second hook provided at the free end of said diagonal bar, and a brace member having a bracing clamp, said brace member having a first end and a second end, said first end hingedly coupled to the frame, said bracing clamp provided at said second end of said brace member, wherein said brace member is adapted to be rotated within the plane of said frame relative to said frame to allow said bracing clamp to releasably secure to an orthogonal bar of one of said opposed scaffolding or mobile tower frames.

IPC 8 full level
E04G 5/14 (2006.01)

CPC (source: EP)
E04G 5/14 (2013.01); **E04G 5/147** (2013.01)

Citation (search report)
• [X] JP 2005068652 A 20050317 - ALINCO INC
• [A] JP 2006233504 A 20060907 - SANKYO CO
• [A] US 2195906 A 19400402 - UECKER REINHOLD A, et al
• [A] JP H11324305 A 19991126 - TAISEI CORP, et al
• [E] EP 2192250 A1 20100602 - CONDOR GROUP S P A [IT]

Cited by
CN111877737A; GB2475117A; GB2475117B; EP3822431B1

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 SE SI SK SM TR

Designated extension state (EPC)
BA ME RS

DOCDB simple family (publication)
EP 2253778 A2 20101124; EP 2253778 A3 20110720; EP 2253778 B1 20160803; IE S20100326 A2 20101124

DOCDB simple family (application)
EP 10163471 A 20100520; IE S20100326 A 20100520