

Title (en)

Construction machine with safety device and boom

Title (de)

Baumaschine mit einer Sicherungsvorrichtung sowie Ausleger

Title (fr)

Engin de construction doté d'un dispositif de sécurisation et flèche

Publication

**EP 2402282 B1 20130807 (DE)**

Application

**EP 11004076 A 20110517**

Priority

DE 102010025481 A 20100629

Abstract (en)

[origin: EP2402282A1] The device (100) has a rail (110) i.e. aluminum rail, directly and/or indirectly arranged on a side of a stepping plane (30), and a slider (120) movably or slidingly guided in or through the guide. A length adjustable safety strap (130) is attached to the slider, where a protective equipment is suspended by the safety strap. The suspension device comprises a strap tensioner for suspending the protective equipment in a tightened manner. The rail is fixed to a boom, and two coupling points of the safety strap are arranged on the slider. An independent claim is also included for a boom comprising a boom element.

IPC 8 full level

**B66C 23/88** (2006.01); **A62B 35/00** (2006.01)

CPC (source: EP US)

**A62B 35/0081** (2013.01 - EP US); **B66C 23/88** (2013.01 - EP US)

Citation (examination)

DE 102009018689 A1 20091112 - TEREX DEMAG GMBH [DE]

Cited by

CN104192740A; EP2690053A1; CN103569885A; AU2013209304B2; US9045315B2

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 2402282 A1 20120104**; **EP 2402282 B1 20130807**; AU 2011202016 A1 20120119; AU 2011202016 B2 20130613; CA 2739132 A1 20111229; DE 102010025481 A1 20111229; US 2011315649 A1 20111229

DOCDB simple family (application)

**EP 11004076 A 20110517**; AU 2011202016 A 20110503; CA 2739132 A 20110505; DE 102010025481 A 20100629; US 201113166636 A 20110622