

Title (en)

Anchoring device for anti-fall systems, particularly suitable for metal covers

Title (de)

Verankerungsvorrichtung für Absturzsicherungssysteme, die insbesondere für Metallabdeckungen geeignet ist

Title (fr)

Dispositif d'ancrage pour systèmes anti-chute, convenant particulièrement pour des couvercles métalliques

Publication

EP 2363553 A1 20110907 (EN)

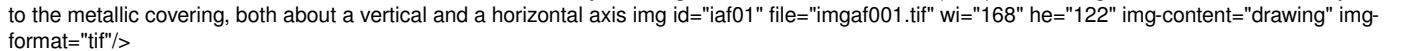
Application

EP 11425044 A 20110223

Priority

IT RM20100079 A 20100226

Abstract (en)

The present invention relates to improvements for anti-fall devices that can be directly anchored to metallic covering coat and that in case of fall provide for spreading stresses on the covering coat preventing its damage at the anchoring point; particularly, the improvements relate to the anchoring plate of the device to the cover, and the vertical elements (9,14) supporting the anchoring cable which in case of fall can flatten and bring themselves in the same direction of the fall. This is achieved by enabling a rotation of the elements (9,14) transmitting the stress from the safety line to the metallic covering, both about a vertical and a horizontal axis 

IPC 8 full level

E04G 21/32 (2006.01)

CPC (source: EP)

E04G 21/3204 (2013.01); **E04G 21/3261** (2013.01); **E04G 21/3276** (2013.01); **E04G 21/3285** (2013.01); **E04G 21/3295** (2013.01)

Citation (applicant)

- WO 0243809 A1 20020606 - UNILINE SAFETY SERVICES LTD [GB], et al
- WO 03039680 A1 20030515 - ARGOUT RODOLPHE [FR]
- AT 500522 A1 20060115 - INNOTECH ARBEITSSCHUTZ GMBH [AT]
- DE 3923691 C1 19900531

Citation (search report)

- [A] WO 0243809 A1 20020606 - UNILINE SAFETY SERVICES LTD [GB], et al
- [A] WO 03039680 A1 20030515 - ARGOUT RODOLPHE [FR]
- [A] AT 500522 A1 20060115 - INNOTECH ARBEITSSCHUTZ GMBH [AT]
- [A] DE 3923691 C1 19900531

Citation (third parties)

Third party :

IT FI20060311 A1 20080608 - STUDIO ASSOCIATO DI INGEGNERIA

Cited by

CN117780139A; USD905537S; USD937660S; US11357328B2

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2363553 A1 20110907; **EP 2363553 B1 20131127**; IT 1398382 B1 20130222; IT RM20100079 A1 20110826

DOCDB simple family (application)

EP 11425044 A 20110223; IT RM20100079 A 20100226