

Title (en)
FALL ARREST SUPPORT

Title (de)
AUFFANGSTÜTZE

Title (fr)
SUPPORT ANTI-CHUTE

Publication
EP 1850918 A1 20071107 (EN)

Application
EP 05814079 A 20051128

Priority
• GB 2005004538 W 20051128
• GB 0426147 A 20041129

Abstract (en)
[origin: WO2006056793A1] A fall arrest system has a top anchorage bracket (1), a bottom anchorage bracket (2) and a cable (3) between the brackets. Fixture ends (12, 22) of the brackets carry bosses (13, 23) in their bottom and top edges (14, 24) respectively. Cable tension pulls the distal ends of the brackets towards each other about the bolts B and the bosses react with the corner of the pylon. The bracket end (15) is dimensioned such that in the event of a fall and loading of the cable, the bracket (1) deforms plastically, peeling away from the face F. The bottom anchorage bracket (2) has an arm (25) with a bore for a clamp bolt (31), carrying a load transfer bracket (32) and a clamp nut (34). The bolt is engaged in a slot (35) in a slotted limb (36) of the bracket (32). Above the limb, the load transfer bracket (32) is integrally connected via a thin tongue (37) to a sleeve (38) locating the end of the cable. The cable (3) extends through the sleeve to a swaged on collar (40). A tensioning device is used to draw down the limb (36) and tension the cable, whereupon the brackets (2) and (32) are clamped together.

IPC 8 full level
A62B 35/04 (2006.01); **A62B 1/04** (2006.01); **E04G 21/32** (2006.01)

CPC (source: EP)
A62B 1/04 (2013.01); **A62B 35/0068** (2013.01); **E04G 21/3261** (2013.01); **E04G 21/3276** (2013.01); **E04G 21/329** (2013.01); **E04G 21/3295** (2013.01)

Citation (search report)
See references of WO 2006056793A1

Cited by
CN102423511A; CN106437187A

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2006056793 A1 20060601; AT E453434 T1 20100115; CA 2589509 A1 20060601; DE 602005018685 D1 20100211; EP 1850918 A1 20071107; EP 1850918 B1 20091230; GB 0426147 D0 20041229

DOCDB simple family (application)
GB 2005004538 W 20051128; AT 05814079 T 20051128; CA 2589509 A 20051128; DE 602005018685 T 20051128; EP 05814079 A 20051128; GB 0426147 A 20041129