

Title (en)
PANEL LIFTER LOCK

Title (de)
PLATTENHEBERSPERRE

Title (fr)
MECANISME DE VERROUILLAGE D'UN APPAREIL DE LEVAGE DE PANNEAUX

Publication
EP 1603824 A4 20070117 (EN)

Application
EP 04713493 A 20040223

Priority

- AU 2004000224 W 20040223
- AU 2003900787 A 20030221
- AU 2003906381 A 20031119

Abstract (en)
[origin: WO2004074160A1] A lock (40) for use with a lifting eye (20) which has a casing (21) and an anchor engagement facility (54) at least partly enclosed by the casing (57) and secured thereto. The anchor engagement facility (54) includes an anchor engagement element (54) and a lever (55) connected thereto. The anchor engagement element (54) is movable relative to the casing (57) by movement of the lever between anchor engaged and released positions. The lock (40) has a locking position in which the lock cooperates with an abutment of the casing as well as the anchor engagement facility (54) to prevent the lever (55) from moving from the anchor engaged to the release position. The lock (40) is arranged to cooperate with the lifting eye (53) in the operative locking position to resist dislodgement from that position until an operator dislodgement load is applied.

IPC 1-7
B66F 19/02; **E04G 21/14**

IPC 8 full level
B66C 1/66 (2006.01); **B66F 19/02** (2006.01); **E04G 21/14** (2006.01)

CPC (source: EP)
B66C 1/666 (2013.01)

Citation (search report)

- [X] US 5244243 A 19930914 - GRAYSON BOYD H [US], et al
- [X] EP 0568934 A2 19931110 - ZAMBELLI BENITO [IT], et al
- See references of WO 2004074160A1

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

DOCDB simple family (publication)
WO 2004074160 A1 20040902; AU 2004213065 A1 20040902; AU 2004213065 B2 20091203; AU 2010200672 A1 20100318; CA 2519006 A1 20040902; CA 2519006 C 20090804; EP 1603824 A1 20051214; EP 1603824 A4 20070117; NZ 542089 A 20070223

DOCDB simple family (application)
AU 2004000224 W 20040223; AU 2004213065 A 20040223; AU 2010200672 A 20100224; CA 2519006 A 20040223; EP 04713493 A 20040223; NZ 54208904 A 20040223