

Title (en)
GEODESIC DEVICE

Title (de)
GEODÄTISCHES GERÄT

Title (fr)
APPAREIL GEODESIQUE

Publication
EP 1794542 A1 20070613 (DE)

Application
EP 05791476 A 20050923

Priority
• DE 2005001683 W 20050923
• DE 102004046974 A 20040928
• DE 102005043663 A 20050914

Abstract (en)
[origin: WO2006034685A1] The invention relates to a geodesic device, which is used in conjunction with a tacheometer to determine the co-ordinates of a target point, if there is no line of sight between the tacheometer and the target point. Said device (1) comprises a housing (2) containing the two planar mirrors (3) of the orthogonal mirror. The housing (2) of the geodesic device (1) also contains a vertical axis marker (9), which is located in such a way that its axis corresponds to the vertical axis (15) of the geodesic device (1). The geodesic device can be fixed to a tacheometer bar (8) or alternatively to a tripod (16) by means of adapters that are provided on the housing (2). The geodesic device (1) is positioned eccentrically, in conjunction with a tacheometer, so that the co-ordinates of a target point can be determined, if there is no line of sight between the tacheometer and the target point.

IPC 8 full level
G01C 15/00 (2006.01)

CPC (source: EP)
G01C 15/00 (2013.01)

Citation (search report)
See references of WO 2006034685A1

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 2006034685 A1 20060406; WO 2006034685 A8 20060608; DE 102005043663 A1 20070315; DE 112005003066 A5 20070913;
EP 1794542 A1 20070613

DOCDB simple family (application)
DE 2005001683 W 20050923; DE 102005043663 A 20050914; DE 112005003066 T 20050923; EP 05791476 A 20050923