

Title (en)
RECONNAISSANCE SONDE

Title (de)
AUFKLÄRUNGSSONDE

Title (fr)
SONDE DE RECONNAISSANCE

Publication
EP 2010859 B1 20100825 (DE)

Application
EP 07723662 A 20070328

Priority
• EP 2007002716 W 20070328
• DE 102006019212 A 20060421

Abstract (en)
[origin: WO2007121820A1] The invention relates to a reconnaissance sonde (1) which, as a load body which can be deployed manually or can be launched by a missile, can be brought into a target area and, after being dropped on the ground, pivots a plurality of supporting legs (2), which are arranged distributed over the circumference of the housing (3) of the sonde (1), from a rest position into an unfolded position by means of a pivoting drive (5). In order to keep the supporting legs (2) in their rest position until they are released at a defined time, for example by means of an electrical signal, for erecting the sonde (1), the invention proposes keeping the supporting legs (2) in their rest position by means of a strip-shaped fixing element (8), which extends over the outer circumference of the housing, of a locking apparatus (7), wherein at least one end region (9, 10) of the fixing element (8) is wound in a friction-locking manner onto a shaft (14), which is capable of rotating about its longitudinal axis (11) and extends in the interior of the housing (3) or in its side wall (12) parallel to the longitudinal axis (13) of the housing (3), and a controllable latching device (16) is provided in the housing (3), which latching device interacts with the shaft (14), prevents a rotation of the shaft (14) and therefore unwinding of the strip-shaped fixing element (8) in the locking position of the locking apparatus (7) and allows a rotation of the shaft (14) and therefore unfolding of the supporting legs (2) by means of the pivoting drive (5) in the unlocking position of the locking apparatus (7).

IPC 8 full level
F42B 12/36 (2006.01); **F42B 23/04** (2006.01); **F42B 23/24** (2006.01)

CPC (source: EP)
F42B 12/365 (2013.01); **F42B 23/24** (2013.01)

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 MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
DE 102006019212 A1 20071025; AT E479072 T1 20100915; DE 502007004863 D1 20101007; EP 2010859 A1 20090107; EP 2010859 B1 20100825; ES 2348267 T3 20101202; WO 2007121820 A1 20071101

DOCDB simple family (application)
DE 102006019212 A 20060421; AT 07723662 T 20070328; DE 502007004863 T 20070328; EP 07723662 A 20070328; EP 2007002716 W 20070328; ES 07723662 T 20070328