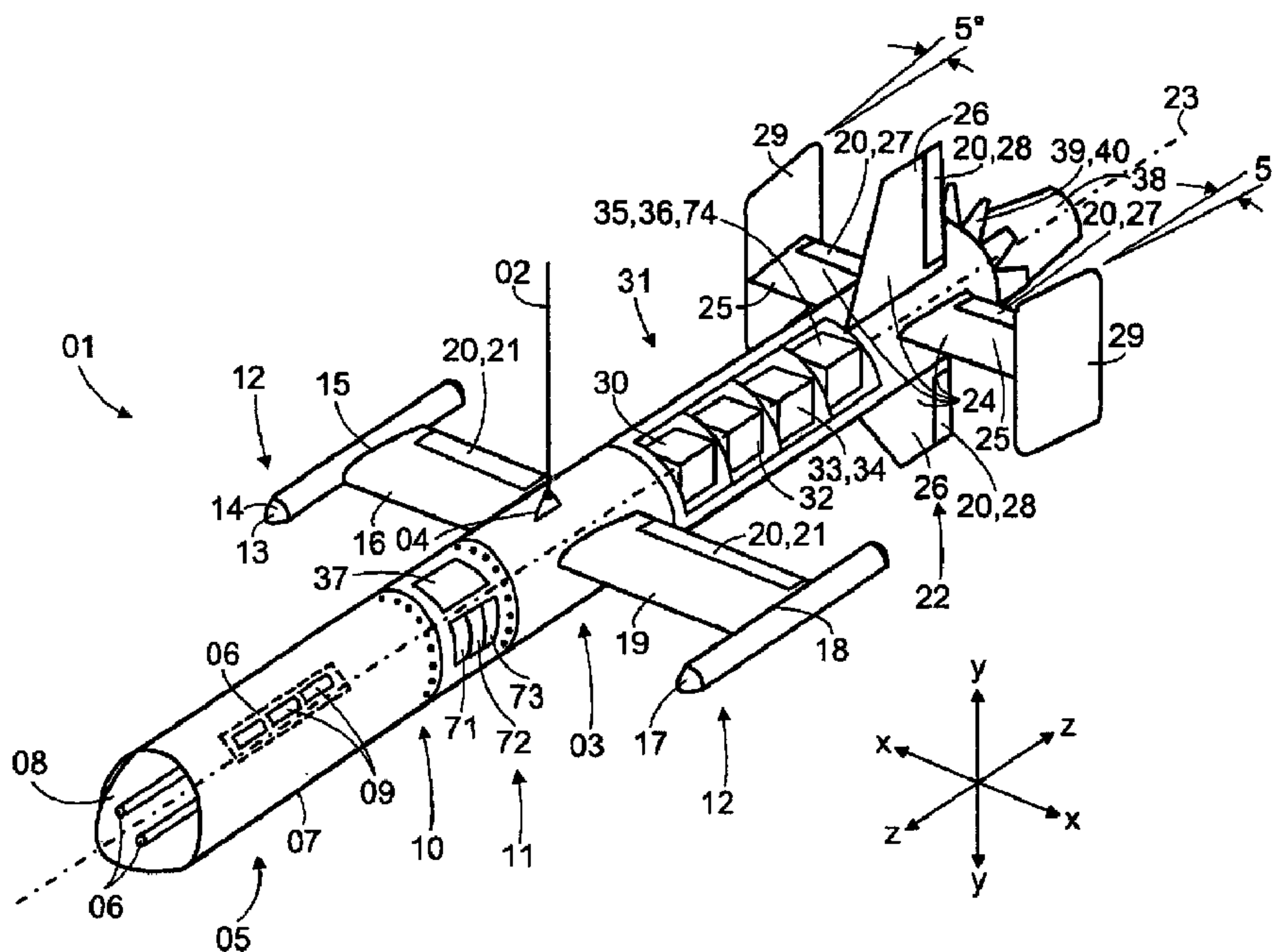




(86) **Date de dépôt PCT/PCT Filing Date:** 2015/01/24  
 (87) **Date publication PCT/PCT Publication Date:** 2015/08/13  
 (45) **Date de délivrance/Issue Date:** 2017/02/28  
 (85) **Entrée phase nationale/National Entry:** 2016/07/04  
 (86) **N° demande PCT/PCT Application No.:** DE 2015/000021  
 (87) **N° publication PCT/PCT Publication No.:** 2015/117586  
 (30) **Priorité/Priority:** 2014/02/07 (DE10 2014 001 873.3)

(51) **Cl.Int./Int.Cl. B64D 3/00** (2006.01),  
**G01W 1/08** (2006.01)  
 (72) **Inventeurs/Inventors:**  
HERBER, ANDREAS, DE;  
KALMBACH, DIRK, DE;  
GERDES, RUDIGER, DE;  
WATSON, JAMES BRADLEY, CA  
 (73) **Propriétaire/Owner:**  
ALFRED-WEGENER-INSTITUT HELMHOLTZ-  
ZENTRUM FUR POLAR- UND  
MEERESFORSCHUNG, DE  
 (74) **Agent:** SMART & BIGGAR

(54) **Titre : PLATEFORME AEROPORTEE ACTIVE REMORQUEE SERVANT A DETERMINER DES DONNEES DE MESURE**  
 (54) **Title: TOWED ACTIVE AIRBORNE PLATFORM FOR DETERMINING MEASUREMENT DATA**



(57) **Abrégé/Abstract:**

Towed airborne platforms are towed, by an aircraft, on a cable through the air, and in this process carry out measurements. In this process the passive navigation by way of the aircraft maybe associated with considerable dangers. As such, an airborne platform is

**(57) Abrégé(suite)/Abstract(continued):**

disclosed that is independently fully manoeuvrable in all three spatial directions. It includes ailerons, elevators and rudders. An automatic flight management system includes a stabilization module which is also used during retrieval to prevent dangerous pendulum movements of the airborne platform, and further includes an evasion module, operating in the three-dimensional space, and a malfunction system that in the case of failure of its power supply due to a malfunction moves all the control surfaces purely mechanically to their non-deflected initial positions where it locks them, so that the airborne platform can be retrieved without any manoeuvring movements.

