

Title (en)  
Wire-guided torpedo propulsion assembly

Title (de)  
Drahtgeführte Torpedoabschussbaugruppe

Title (fr)  
Assemblage de propulsion de torpille filoguidée

Publication  
**EP 2108914 B1 20180530 (EN)**

Application  
**EP 08425232 A 20080408**

Priority  
EP 08425232 A 20080408

Abstract (en)  
[origin: EP2108914A1] A propulsion assembly (1) for a torpedo (2) equipped with a wire-guidance cable (14), the assembly having at least two parts (15, 5; 5, 6; 6, 16) in relative rotational motion; face sealing means (18) interposed between the parts (15, 5; 5, 6; 6, 16); and protection means (22) for preventing access of the cable (14) to the face sealing means (18).

IPC 8 full level  
**F41G 7/32** (2006.01); **F42B 15/04** (2006.01)

CPC (source: EP US)  
**F41G 7/32** (2013.01 - EP US); **F42B 15/04** (2013.01 - EP); **F42B 19/01** (2013.01 - EP US)

Citation (examination)  
US 3706293 A 19721219 - HANCKS DOROTHY B, et al

Citation (opposition)

- Opponent : ATLAS ELEKTRONIK GmbH  
ANONYMOUS: "Metal Face Seals - Installation and Maintenance", ERIKS INDUSTRIAL SERVICES, 16 November 2020 (2020-11-16), XP055754863, Retrieved from the Internet <URL:<http://sealshop.eriks.co.uk/t/productmetalfacesealsinstallation>>
- Opponent : Atlas Elektronik GmbH
- US 3706293 A 19721219 - HANCKS DOROTHY B, et al
  - US 5637825 A 19970610 - GLENNING DANIEL M [US]
  - US 2002178983 A1 20021205 - BUTTS JAMES C [US], et al
  - US 5558498 A 19960924 - OGINO HIROSHI [JP]
  - US 3667319 A 19720606 - SCHEITER MILTON H
  - US 3613618 A 19711019 - GRUBER ERNST
  - GB 338539 A 19301117 - LESTO AB
  - US 5158030 A 19921027 - DUBOIS NEIL J [US], et al
  - US 5678785 A 19971021 - PORTER DAVID R [US]
  - EP 0507430 A2 19921007 - HUGHES AIRCRAFT CO [US]
  - US 5448962 A 19950912 - MOODY PAUL E [US]
  - DE 1125814 B 19620315 - BOELKOW ENTWICKLUNGEN KG
  - US 3151528 A 19641006 - EASTMAN DAVID P
  - "Gleitringdichtung", WIKIPEDIA, 15 December 2007 (2007-12-15), XP055568123, Retrieved from the Internet <URL:<https://de.wikipedia.org/w/index.php?title=Gleitringdichtung&oldid=40104055>>
  - "Gleitringdichtung", WIKIPEDIA, 30 October 2018 (2018-10-30), XP055568130, Retrieved from the Internet <URL:<https://de.wikipedia.org/w/index.php?title=Gleitringdichtung&oldid=182277601>>

- Opponent : Thyssenkrupp
- "Bundesgesetzblatt", 6 January 1988, article ANONYMOUS: "Gesetz über die Sicherung und Nutzung von Archivgut des Bundes (Bundesarchivgesetz - BArchG)", pages: 62 - 64, XP055742742
  - ANONYMOUS: "Gesetz über die Nutzung und Sicherung von Archivgut des Bundes", BUNDESARCHIVGESETZ – BARCHG, 10 March 2017 (2017-03-10), pages 1 - 11, XP055742882, Retrieved from the Internet <URL:[https://www.bundesarchiv.de/DE/Content/Downloads-Rechtliches/bundesarchivgesetz.pdf?\\_\\_blob=publicationFile](https://www.bundesarchiv.de/DE/Content/Downloads-Rechtliches/bundesarchivgesetz.pdf?__blob=publicationFile)> [retrieved on 20201022]
  - ANONYMOUS: "6.7 Änderung des Geheimhaltungsgrades, Rückgabe und Vernichtung", HANDBUCH FÜR DIE GEHEIMSCHUTZ IN DER WIRTSCHAFT GEHEIMSCHUTZHANDBUCH, 1 January 2004 (2004-01-01), pages 59 - 60, XP055742886, [retrieved on 20201022]
  - ANONYMOUS: "Einträge aus der Allgemeinen und der Navigierenden Suche", BUNDESARCHIV, 2 October 2019 (2019-10-02), pages 1,23 - 24,47-49, XP055742891
  - ANONYMOUS: "Archivsignatur BW 1/387667", BIUNDESARCHIV ARCHIVSIGNATUR BW 1/387667, 1 January 1967 (1967-01-01), pages 1 - 15, XP055742899
  - ANONYMOUS: "Akte BV 5/68469", BUNDESARCHIV, 1 January 1965 (1965-01-01), pages 1 - 5, XP055742904
  - ANONYMOUS: "Akte BV 5/69576", BUNDESARCHIV AKTE BV 5/69576, 1 January 1973 (1973-01-01), pages 1 - 11, XP055742907
  - ANONYMOUS: "Akte BV 5/9916", BUNDESARCHIV, 1 January 1970 (1970-01-01), pages 1 - 4, XP055742910

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**EP 2108914 A1 20091014; EP 2108914 B1 20180530**

DOCDB simple family (application)  
**EP 08425232 A 20080408**