

Title (en)

STORING SYSTEM FOR TRAILING ANTENNAS, ESPECIALLY FOR SUBMARINES

Publication

**EP 0124133 A3 19860416 (DE)**

Application

**EP 84104917 A 19840502**

Priority

DE 3316026 A 19830503

Abstract (en)

[origin: EP0124133A2] The storage system consists of a driveable towed-array storage device 2 and a towed-array guide tube 3, installed between the pressure body 4 and the cladding or outer skin, the towed-array guide tube 3 extending to approximately above the plane of the propeller 7. By rotation of the towed-array storage drum 2 to the left or right, the towed-array can be deployed or retracted again from both submerged and surfaced submarines. This process is supported by an array deployment aid 9. The towed-array storage device can be designed as a storage drum and, in submarines, is accommodated in the free-flooding external space 1. <IMAGE>

IPC 1-7

**H01Q 1/34**; **H01Q 1/08**

IPC 8 full level

**H01Q 1/08** (2006.01); **H01Q 1/34** (2006.01)

CPC (source: EP)

**H01Q 1/08** (2013.01); **H01Q 1/34** (2013.01); **B63B 2203/00** (2013.01)

Citation (search report)

- [Y] US 2411828 A 19461126 - HAMMOND JR JOHN HAYS
- [Y] US 2210389 A 19400806 - DYKE WILLIAM D VAN
- [A] US 3496567 A 19700217 - HELD HAROLD
- [A] DE 2028851 A1 19701217
- [A] US 3972047 A 19760727 - LOMBARDI ANTHONY JOSEPH

Cited by

FR3027738A1; DE102011121008B4; DE10262054B4; DE19652737C1; EP0849821A3; DE10250560A1; DE10250560B4; WO2004039666A1; EP1507311A1; WO2014079439A1

Designated contracting state (EPC)

DE FR GB IT NL SE

DOCDB simple family (publication)

**EP 0124133 A2 19841107**; **EP 0124133 A3 19860416**; **EP 0124133 B1 19910731**; DE 3316026 A1 19841108; DE 3316026 C2 19920917; DE 3484856 D1 19910905

DOCDB simple family (application)

**EP 84104917 A 19840502**; DE 3316026 A 19830503; DE 3484856 T 19840502