

Title (en)  
Floatable diving torch

Title (de)  
Schwimmfähige Tauchlampe

Title (fr)  
Torche de plongée flottable

Publication  
**EP 2343472 A3 20140326 (EN)**

Application  
**EP 10005377 A 20100522**

Priority  
• CN 201010003618 A 20100106  
• JP 2010011990 A 20100122  
• CN 201020003740 U 20100106

Abstract (en)  
[origin: EP2343472A2] A diving torch that floats over the water is revealed. The diving torch includes a waterproof washer (12) and a light transmitting lens (13), both locked and located on a front cover (1) thereof. A front end of a barrel (3) is enlarged outward to form a receiving space for loading a light cup (2) and the receiving space is threaded with the front cover (1) by a threaded portion (34). A waterproof washer (35) is disposed around the threaded portion (34). Moreover, the bottom of the barrel (5) is threaded and connected with a back cover (5) by a threaded portion (37) disposed with a waterproof washer (38). A switch set (4) with a waterproof washer (46) on the bottom is mounted in the back cover (5). Thereby not only people working on the water can pick up the diving torch quickly, people in the water and in distress can also use the diving torch asking for help.

IPC 8 full level  
**F21L 4/00** (2006.01); **F21V 23/04** (2006.01); **F21V 31/00** (2006.01); **F21V 15/01** (2006.01)

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**B63C 11/02** (2013.01); **F21L 4/00** (2013.01); **F21L 4/005** (2013.01); **F21V 15/01** (2013.01); **F21V 23/0421** (2013.01); **F21V 31/005** (2013.01); **F21W 2111/10** (2013.01)

Citation (search report)  
• [Y] US 2007153504 A1 20070705 - THORNHILL DAVID C [US]  
• [Y] CN 101476674 A 20090708 - YUNZHAO LIU [CN]  
• [Y] GB 578508 A 19460701 - ALLEN SUTCLIFFE POYNTON  
• [A] GB 1078130 A 19670802 - DEVONSHIRE MFG COMPANY LTD  
• [A] GB 966578 A 19640812 - SONCA IND LTD

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)  
BA ME RS

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