

Title (en)
ELECTRICAL SWITCH HAVING A DOUBLE IMMERSION SENSING FUNCTION

Title (de)
ELEKTRISCHER SCHALTER MIT DOPPELTEM EINTAUCHFÜHLER

Title (fr)
CONTACTEUR ELECTRIQUE A DOUBLE DETECTION D'IMMERSION

Publication
EP 0815574 B1 19990602 (FR)

Application
EP 96905911 A 19960305

Priority
• FR 9600341 W 19960305
• FR 9503076 A 19950310

Abstract (en)
[origin: WO9628834A1] An electrical switch having a double liquid medium immersion sensing function is disclosed. The switch (121) particularly includes a battery (125) connected to a power outlet (126) via an electronic circuit (124) that only connects the battery to the outlet once a first pair of electrodes (131, 132) have sensed immersion in a predetermined medium, and a second pair of electrodes (133, 134) connected to a pressure sensor (135) have sensed a predetermined immersion depth. Said switch (121) is advantageously connected to a pyrotechnic device (75) for inflating emergency equipment such as life jackets.

IPC 1-7
H01H 35/42

IPC 8 full level
B63C 9/19 (2006.01); **H01H 35/42** (2006.01)

CPC (source: EP US)
H01H 35/42 (2013.01 - EP US)

Designated contracting state (EPC)
BE DE DK ES FI FR GB GR IE IT NL PT SE

DOCDB simple family (publication)
WO 9628834 A1 19960919; DE 69602730 D1 19990708; DE 69602730 T2 19990930; EP 0815574 A1 19980107; EP 0815574 B1 19990602; FR 2731554 A1 19960913; FR 2731554 B1 19970530; NO 974122 D0 19970908; NO 974122 L 19971110; US 5847473 A 19981208

DOCDB simple family (application)
FR 9600341 W 19960305; DE 69602730 T 19960305; EP 96905911 A 19960305; FR 9503076 A 19950310; NO 974122 A 19970908; US 91324997 A 19970910