

Title (en)

Flotation device for a swimmer or diver

Title (de)

Schwimmvorrichtung für einen Schwimmer oder Taucher

Title (fr)

Dispositif flottant pour un nageur ou un plongeur

Publication

EP 2363176 B1 20170705 (DE)

Application

EP 11156522 A 20110302

Priority

DE 202010000295 U 20100302

Abstract (en)

[origin: EP2363176A2] The device (1) has a flipper (3), a force transmission element (4) moving the flipper by muscle strength. A fixing device (5) fixes the force transmission element to a lower leg of a swimmer i.e. diver (2). The force transmission element has a foot section and a flipper section and is formed as a line-shaped bend-free rod. The force transmission element is made of metal, elastomer, wood or fiber reinforced material. An adjusting device is formed at the flipper and the force transmission element for varying an angle between the flipper and the force transmission element.

IPC 8 full level

A63B 35/02 (2006.01); **A63B 31/12** (2006.01)

CPC (source: EP US)

A63B 31/12 (2013.01 - EP US); **A63B 35/02** (2013.01 - EP US)

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 RS SE SI SK SM TR

DOCDB simple family (publication)

DE 202010000295 U1 20100715; AU 2011200908 A1 20110922; AU 2011200908 B2 20160512; EP 2363176 A2 20110907;
EP 2363176 A3 20160210; EP 2363176 B1 20170705; US 2011217890 A1 20110908; US 8632372 B2 20140121

DOCDB simple family (application)

DE 202010000295 U 20100302; AU 2011200908 A 20110302; EP 11156522 A 20110302; US 201113038667 A 20110302