

Title (en)
Diving apparatus and method for its production

Title (de)
Tauchgerät und Verfahren zu seiner Herstellung

Title (fr)
Appareil de plongée et méthode pour sa production

Publication
EP 0867360 B1 20050720 (DE)

Application
EP 98103947 A 19980305

Priority
DE 19712257 A 19970324

Abstract (en)
[origin: EP0867360A2] The diving gear, for long-term submersion, is a longitudinal hollow body (1) which can accommodate a human body within it with room to shift the position. The body has elasticity in at least one zone of driving movement, and it is fitted with at least one propelling tail or other fin.(2). The body (1) is less elastic in the zones not used for drive movements. The drive movement zones can be in the centre or the rear of the hollow body (1). The diver has linkages to operate the drive fin(s). Also claimed is a prodn. technique, where a waterproof layer is placed within a negative mould under an insulation layer, where the waterproof layer is held in place by underpressure and the insulation layer is foamed over it between a positive and negative mould. The hollow body is of rubber or plastics.

IPC 1-7
B63C 11/46; **A63B 35/02**

IPC 8 full level
A63B 35/02 (2006.01); **B63C 11/46** (2006.01); **B63G 8/00** (2006.01); **B63H 1/36** (2006.01)

CPC (source: EP US)
B63G 8/001 (2013.01 - EP US); **B63H 1/36** (2013.01 - EP US)

Cited by
DE102008053495B4; FR2915956A1; DE10235842B4; CN102730176A; CN106240775A; US8322296B2; DE102008053495A1; WO03097445A1; WO2008141913A3; WO2019158343A1; US10935986B1; WO2008104159A3; WO2021103391A1

Designated contracting state (EPC)
DE ES FR GB GR IT

DOCDB simple family (publication)
EP 0867360 A2 19980930; **EP 0867360 A3 20001108**; **EP 0867360 B1 20050720**; AU 5839298 A 19980924; AU 741121 B2 20011122; DE 19712257 A1 19981001; DE 59812929 D1 20050825; ES 2245467 T3 20060101; US 6079348 A 20000627

DOCDB simple family (application)
EP 98103947 A 19980305; AU 5839298 A 19980313; DE 19712257 A 19970324; DE 59812929 T 19980305; ES 98103947 T 19980305; US 4663498 A 19980324