

Title (en)

Swim fin with separable blade portion and shoe portion.

Title (de)

Schwimmflosse mit trennbarem Schaufel- und Schuhteil.

Title (fr)

Palme de natation comprenant une partie de voileure séparable de la partie chaussante.

Publication

**EP 0310828 A2 19890412 (EN)**

Application

**EP 88114920 A 19880913**

Priority

IT 1255387 A 19871009

Abstract (en)

This invention relates to a swim fin wherein the propulsion blade portion (1) and the shoe portion (2) are manufactured separately and are disconnectably connected to each other by means of suitable connecting members. The propulsion blade (1) comprises, at the end thereof facing said shoe portion (2), a flattened tang portion (3) which will be fitted, upon connecting the two portions (1, 2) of the fin, into a correspondingly shaped recess (4) in the thickness of the sole (5) of said shoe portion (2). The propulsion blade (1) of said swim fin is also provided, overhead at said tang portion (3), with a transverse bridge member (6) which is supported at both sides by two ridges (7) constructed as extensions of two intermediate ribs (8) of said propulsion blade (1), said bridge member (6) and side ridges (7) interengaging, upon connecting the two portions (1, 2) of said fin, with corresponding seatings or sockets (9, 10) formed in the toe portion of said shoe (2). Moreover, the swim fin is provided with a device (15) for locking together its coupled portions.

IPC 1-7

**A63B 31/08**; **A63B 31/11**

IPC 8 full level

**A63B 31/08** (2006.01); **A63B 31/11** (2006.01)

CPC (source: EP)

**A63B 31/11** (2013.01); **A63B 2031/112** (2013.01)

Cited by

DE102011112980B4; US5683279A; US6814640B1; FR2705245A1; EP1389483A1; CN111629793A; EP1127590A1; EP0685242A1; US5588890A; EP0572853A1; US5324219A; GB2507031A; US10675508B2; WO2016086319A1; WO9718014A1; WO2019075580A1; WO2017124181A1; US6322412B2; WO2020182981A1; US9737762B2; US10112079B2

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR LI LU NL SE

DOCDB simple family (publication)

**EP 0310828 A2 19890412**; **EP 0310828 A3 19890823**; **EP 0310828 B1 19911106**; AT E69175 T1 19911115; DE 3866080 D1 19911212; ES 2026617 T3 19920501; IT 1213912 B 19900105; IT 8712553 A0 19871009

DOCDB simple family (application)

**EP 88114920 A 19880913**; AT 88114920 T 19880913; DE 3866080 T 19880913; ES 88114920 T 19880913; IT 1255387 A 19871009