Title (en)

MATERIAL FOR UNDERWATER SUIT AND UNDERWATER SUIT MAKING USE OF THE SAME

Title (de)

MATERIAL FÜR TAUCHERANZUG UND DIESES VERWENDENDER TAUCHERANZUG

Title (fr)

MATÉRIAU POUR COMBINAISON SOUS-MARINE ET COMBINAISON SOUS-MARINE UTILISANT LEDIT MATÉRIAU

Publication

EP 1974619 B1 20190612 (EN)

Application

EP 05781509 A 20050830

Priority

JP 2005015749 W 20050830

Abstract (en)

[origin: EP1974619A1] A material for underwater suits, comprising an elastic foam, characterized by comprising an elastic foam layer 2 having plural recess portions 1 formed on at least one side thereof is provided. When the material is used as a wet suit, in which case the openings of the recess portions of the elastic foam layer 2 faces the side of the body, a film of water is prone to be formed between the body and the suit because water is accumulated in the recess portions 1. In addition, not only warmed water is hardly discharged to the outside, but also external cold water less easily penetrates because the recess portions 1 do not pierce through elastic foam layer 2. Thus, the wet suit will have a high heat-retaining effect. Further, when the material is used as a dry suit, the suit has high heat-retaining properties and buoyancy because air can be retained in the recess portions 1.

IPC 8 full level

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CPC (source: EP KR)

A41D 13/0125 (2013.01 - KR); **A41D 31/065** (2019.01 - EP); **B63C 11/04** (2013.01 - EP KR); B63C 2011/046 (2013.01 - EP KR)

Cited by

CN103974641A; EP2359706A1; WO2014167295A1; US8327601B2; US8936847B2; US8221871B2; US8343614B2; US10112364B2; US10828863B2

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EP 1974619 A1 20081001; **EP 1974619 A4 20111221**; **EP 1974619 B1 20190612**; CN 100571554 C 20091223; CN 101237786 A 20080806; HK 1122197 A1 20090515; JP 5324097 B2 20131023; JP WO2007026395 A1 20090305; KR 101039303 B1 20110608; KR 20080051126 A 20080610; TW 200724043 A 20070701; TW I378779 B 20121211; WO 2007026395 A1 20070308

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EP 05781509 A 20050830; CN 200580051348 A 20050830; HK 08113739 A 20081218; JP 2005015749 W 20050830; JP 2007533068 A 20050830; KR 20087000559 A 20050830; TW 95129929 A 20060815