

Title (en)
SWIM SUIT

Title (de)
SCHWIMMANZUG

Title (fr)
MAILLOT DE BAIN

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Application
EP 20783033 A 20200324

Priority
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Abstract (en)
[origin: EP3951036A1] The present invention relates to a swimsuit 23 including an elastic polyurethane yarn. The elastic polyurethane yarn contains: 0.5 to 10 mass% of a cationic high-molecular-weight compound A having a number-average molecular weight of 2000 or more; and an inorganic chlorine deterioration inhibitor B. The mass ratio of the cationic high-molecular-weight compound A to the inorganic chlorine deterioration inhibitor B ranges from 0.3 to 3, and a silicone oil is applied to the elastic polyurethane yarn. A fabric for the swimsuit is treated with water repellent finishing. The swimsuit 23 preferably includes an elastic polyurethane yarn whose ratio of fluorine (F) to carbon (C) on the elastic polyurethane yarn is 0.030 or more in an elemental mass concentration according to scanning electron microscope - energy dispersive X-ray spectroscopy (SEM-EDX). Thereby, it is possible to provide a swimsuit with high water repellency, low water retention rate, and high buoyancy.

IPC 8 full level
D02G 3/38 (2006.01); **A41D 7/00** (2006.01); **D01F 6/70** (2006.01); **D01F 6/94** (2006.01); **D06M 15/643** (2006.01)

CPC (source: EP KR US)
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