Title (en)

Method of reinforcing the blades of diving fins, and fins produced in this way

Title (de)

Methode zur Vertärkung von Flossenblättern und auf diese Weise produzierte Schwimmflossen

Title (fr)

Méthode de renforcer la voilure de palmes de natation, et palmes produites par cette méthode

Publication

EP 1591145 A1 20051102 (EN)

Application

EP 04106290 A 20041203

Priority

IT GE20040032 A 20040428

Abstract (en)

Method of reinforcing and/or decorating the blades of diving fins comprising the the steps of insertion into the thermoplastic forming the fin blade of laminar inserts of materials having mechanical and/or chromatic and decorative characteristics differing from those of the material of the blade itself. This insertion Lakes place during the moulding of the fin blade, by incorporation of these inserts into the mass of material forming the said blade. The said inserts comprise a base plate of a thermoplastic compatible with the material of the fin blade, to which the laminar insert of heterogeneous material is applied, the whole then being covered by a second plate of material compatible with the material of the fin blade, and the resulting composite part being inserted into the fin blade mould in such a way as to incorporate it into and weld it to the mass of material forming the blade in the moulding process. Advantageously, the said laminar inserts are positioned inside the fin blade mould, the blade being overmoulded around the said inserts.

IPC 1-7

A63B 31/11

IPC 8 full level

A63B 31/11 (2006.01)

CPC (source: EP)

A63B 31/11 (2013.01)

Citation (search report)

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