

Title (en)

PROCESS FOR THE MANUFACTURE OF A PLASTIC WAVE REFLECTOR, AND REFLECTOR MADE BY THIS METHOD

Publication

EP 0105007 B1 19871119 (FR)

Application

EP 83401887 A 19830927

Priority

FR 8216299 A 19820928

Abstract (en)

[origin: EP0105007A1] 1. Method of producing a wave reflector from plastics material, comprising a step of producing a main structure on a mold having the desired shape of the reflector, the main structure comprising a honeycomb core covered with sheets on both of its opposed faces ; the method being characterized by the fact that the step of producing the main structure comprises the following substeps : - positioning at least one tissue on the mold and impregnating the tissue with a substance susceptible of polymerization, thus forming a first sheet ; - affixing a honeycomb core on the first sheet ; - positioning at least one tissue on the core and impregnating the sheet with a substance susceptible of polymerization, thus forming a second sheet ; - curing the unit ; - separating the unit from the mold ; - treating the unit in an oven ; characterized in that the method further comprises the following steps : - forming a reflecting surface on the mold ; - depositing an adhesive material susceptible of expansion on the reflecting surface ; - assembling the main structure with the reflecting surface on the side of the adhesive material, an interval remaining between the mutually facing sides of these two elements ; - expanding the adhesive material whereby the reflecting surface is rigidly affixed to the main structure.

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