

Title (en)

METHOD FOR EMBEDDING A MONITORING SYSTEM IN A DEVICE

Title (de)

VERFAHREN ZUR EINBETTUNG EINES ÜBERWACHUNGSSYSTEMS IN EINE VORRICHTUNG

Title (fr)

PROCÉDÉ D'INCORPORATION D'UN SYSTÈME DE SURVEILLANCE DANS UN DISPOSITIF

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Application

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Abstract (en)

[origin: WO202223766A1] It is disclosed a method for embedding a monitoring system in a device comprising a body of a metallic material. The monitoring system comprises an optical fiber with a number of sensors for sensing data indicative of an operating status of the device. The method comprises the steps of: providing the body with a groove on an external surface thereof, the groove being configured to house a length of the optical fiber; laying the length of the optical fiber in the groove, and fixing the optical fiber in the groove by using at least one patch of a composite material above the optical fiber.

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