

ABSTRACT**SYSTEM AND METHOD FOR AUTOMATICALLY INSPECTING SURFACES**

5 The invention relates to a system for automatically inspecting a surface of an object such as an aircraft (54), a transport vehicle, a building or an engineering structure, said surface being liable to contain a defect.

10 The system is characterised in that it comprises a fleet comprising at least one flying robot (14a, 14b, 14c), each flying robot comprising a module for acquiring images of at least one portion of the surface to be inspected, and a module for processing the acquired images, which module is suitable for providing information representative of the state of each inspected surface portion, which information is called the processing result.

Abstract figure: Fig. 4