

Title (en)

METHOD AND SYSTEM FOR SCANNING A SURFACE AND GENERATING A THREE-DIMENSIONAL OBJECT

Title (de)

VERFAHREN UND SYSTEM ZUM SCANNEN EINER OBERFLÄCHE UND ZUM ERZEUGEN EINES DREIDIMENSIONALEN OBJEKTS

Title (fr)

PROCEDE ET SYSTEME DESTINES A BALAYER UNE SURFACE ET A PRODUIRE UN OBJET TRIDIMENSIONNEL

Publication

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Application

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Priority

- US 0112107 W 20010413
- US 56013100 A 20000428
- US 56013200 A 20000428
- US 56058300 A 20000428
- US 56064400 A 20000428
- US 56064500 A 20000428
- US 56013300 A 20000428
- US 56058400 A 20000428
- US 61609300 A 20000713

Abstract (en)

[origin: WO0184479A1] An image is projected upon a surface of a three dimensional object (611), the image can include a pattern having plurality of individual shapes used to measure and map the surface. The image further comprises a feature containing an encoding information for identifying the plurality of shapes individually. The feature containing encoding information is oriented such that encoding information is retrieved along a line perpendicular to a plane formed by the projection axis and the point along the view axis (613). The use of the feature is used to perform multiframe independent scanning (612).

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IPC 8 full level

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