



ISTITUTO ITALIANO
DI TECNOLOGIA

TITLE

Visualizzatore Includente Una Pluralità Di Sorgenti Luminose E Una Pluralità Di Guide D'onda

INVENTORS

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DESCRIPTION

The system comprises an red-green-blue (RGB) light emitting diode (LED) matrix combined with a matrix of light guides of different lengths.

The light guides are held in place thanks to a supporting structure that fixes them with respect to the emitting LEDs.

The length of each individual light guide can be tuned to obtain an image projected on a surface with arbitrary shape.



APPLICATIONS

Robotics

KEYWORDS

LED, RGB, light guide, display, robot, R1, arbitrary shape

BIBLIOGRAPHIC DATA

Display including a plurality of light sources and light guides

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