



ISTITUTO ITALIANO
DI TECNOLOGIA

TITLE

Sensing moisture measuring device

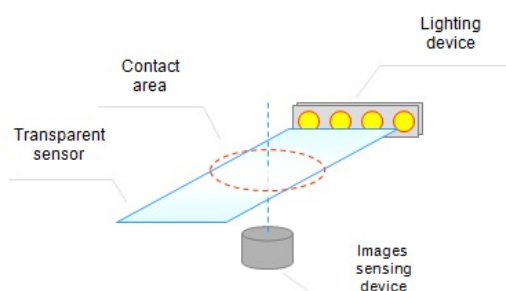
INVENTORS

Virgilio Mattoli, Francesco Greco, Lucia Beccai, Paolo Dario

DESCRIPTION

A human skin moisture measuring device comprising an interdigitated resistive sensor on a transparent support, an image sensing device, such as a video camera, a CCD device or a C-MOS device, and a lighting device.

The device allows evaluating at the same time the moisture of skin and the real surface of skin in contact with the sensor; this last feature can be also used for studies on tactile perception.



APPLICATIONS

Main applications of this invention are in the field of sensors, as well as in the biomedical field.

KEYWORDS

Moisture, skin sensor, skin contact

BIBLIOGRAPHIC DATA

1) Sensore di umidità

Application Number	FI2010A000053
Priority Date	March 29, 2010
Applicants	Fondazione Istituto Italiano di Tecnologia, Scuola Superiore Sant'Anna

2) Sensing Moisture Level Of Human Skin

Application Number	WO/2011/121518
Priority Date	March 29, 2010
Applicants	Fondazione Istituto Italiano di Tecnologia, Scuola Superiore Sant'Anna

CONTACTS

Technology Transfer Office	Lorenzo Rossi	+39 010 71781 489
		lorenzo.rossi@iit.it