

Title (en)

A PRESSURE-SENSITIVE STYLUS DETECTING INTENSITY MODULATED LIGHT

Title (de)

DRUCKEMPFINDLICHER STIFT MIT ERKENNUNG DER INTENSITÄT VON MODULIERTEM LICHT

Title (fr)

STYLET SENSIBLE À LA PRESSION DÉTECTANT UNE LUMIÈRE À INTENSITÉ MODULÉE

Publication

**EP 3028124 A1 20160608 (EN)**

Application

**EP 13752854 A 20130730**

Priority

EP 2013065988 W 20130730

Abstract (en)

[origin: WO2015014389A1] The invention relates to a pressure-sensitive stylus comprising a stylus tip (11) within the interior of which a fiber optic probe (13) is disposed, the said fiber optic probe (13) composed of at least two optical fibers, and the said pressure-sensitive stylus housing which includes a light source, a detector and a wireless communication device for communicating with a digitizer. The interior of the stylus tip (11) is hollow in the form of a cap with an inner concave surface (12) made of a reflecting material, and the said fiber optic probe (13) is attached to focal point of said concave surface (12) such that the light from said light source is transmitted by a first optical fiber to said concave surface (12) and is reflected thereof, and is then coupled to said detector by a second optical fiber.

IPC 8 full level

**G06F 3/0354** (2013.01)

CPC (source: EP)

**G06F 3/03545** (2013.01); **G06F 2203/04105** (2013.01)

Citation (search report)

See references of WO 2015014389A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2015014389 A1 20150205**; EP 3028124 A1 20160608

DOCDB simple family (application)

**EP 2013065988 W 20130730**; EP 13752854 A 20130730