

Title (en)

A PRESSURE-SENSITIVE STYLUS DETECTING INTENSITY MODULATED LIGHT

Title (de)

DRUCKEMPFFINDLICHER STIFT MIT ERKENNUNG DER INTENSITÄT VON MODULIERTEM LICHT

Title (fr)

STYLET SENSIBLE À LA PRESSION DÉTECTANT UNE LUMIÈRE À INTENSITÉ MODULÉE

Publication

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Application

**EP 13752854 A 20130730**

Priority

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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

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