

Title (en)
OPTICAL SENSOR

Title (de)
OPTISCHER SENSOR

Title (fr)
CAPTEUR OPTIQUE

Publication
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Application
EP 16727426 A 20160531

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• FR 1555082 A 20150604
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Abstract (en)
[origin: WO2016193258A1] The present invention concerns an optical sensor that comprises one or more charge transfer pixels (10) each comprising a buried photodiode (11) generating a photoelectric charge when illuminated, a conversion element (12) receiving at least a portion of said photoelectric charge and tending to impose, on the photodiode, a potential satisfying a non-linear relationship with the intensity of generation of the photoelectric charge, and a charge transfer element (14) for reading the charge stored by the photodiode (11) such that the residual charge in same is zero after the reading by transfer.

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Citation (search report)
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