

Title (en)

DIODE AND COMPONENT CONTAINING THE SAME

Title (de)

DIODE SOWIE EINE SOLCHE ENTHALTENDES BAUELEMENT

Title (fr)

DIODE ET COMPOSANT CONTENANT CETTE DIODE

Publication

EP 0753206 A1 19970115 (DE)

Application

EP 95914276 A 19950328

Priority

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Abstract (en)

[origin: DE4410799A1] A diode has a semiconductor layer and metallic conductive layers surface-bonded therewith. The object of the invention is to create such a diode with an improved switching time. For that purpose, one metallic conductive layer is transparent to light and the other metallic conductive layer is bonded to a substrate. It has been recognised that the use of a vertical arrangement reduces so much the transit time of the charge carriers that the switching time depends only from the RC time constant of the layered structure.

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IPC 8 full level

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CPC (source: EP US)

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