

Abstract

OPTICAL DEVICES AND OPTO-ELECTRONIC MODULES AND METHODS FOR MANUFACTURING THE SAME

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The optical device comprises a first substrate comprising at least one optical structure comprising a main portion and a surrounding portion at least partially surrounding said main portion. The device furthermore comprises non-transparent material applied onto said surrounding portion. The opto-electronic module comprises a plurality of these

10 optical devices comprised in said first substrate.

The method for manufacturing an optical device comprises the steps of

a) providing a first substrate comprising at least one optical structure comprising a main portion and a surrounding portion at least partially surrounding said main portion; and

15 b) applying a non-transparent material onto at least said surrounding portion.

Said non-transparent material is present on at least said surrounding portion still in the finished optical device.

(Fig. 2)