

Title (en)

Visible-range light polarizer with an iodine-stained polyvinyl alcohol film, and method for its preparation.

Title (de)

Polarisator für sichtbares Licht bestehend aus einem mit Jod gefärbten Polyvinylalkoholfilm und Verfahren zu seiner Herstellung.

Title (fr)

Polariseur de lumière visible à base d'un film d'alcool polyvinylique teint à l'iode, et procédé pour sa fabrication.

Publication

**EP 0000209 A1 19790110 (EN)**

Application

**EP 78200002 A 19780601**

Priority

US 81099677 A 19770629

Abstract (en)

A visible range light polariser with an iodine stained polyvinyl-alcohol film is prepared by treating the previously oriented and stained film with a borating solution containing a high level of potassium iodide. The insufficient red light dichroism resulting from this treatment can be avoided by incorporating zinc ions into the polariser after staining.

IPC 1-7

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CPC (source: EP)

**G02B 5/3033** (2013.01)

Citation (search report)

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- [AD] US RE23297 E 19501128
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- [A] DE 1258084 B 19680104 - POLAROID CORP

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