Title (en)

TRANSMISSIVE ELECTROOPTICAL ELEMENT AND GLASS PANE ARRANGEMENT PROVIDED THEREWITH

Title (de)

TRANSMISSIVES ELEKTROOPTISCHES ELEMENT UND DAMIT VERSEHENE SCHEIBENANORDNUNG

Title (fr)

ELEMENT ELECTRO-OPTIQUE TRANSMISSIF ET ENSEMBLE A VITRES DOTE DUDIT ELEMENT

Publication

EP 1506449 A2 20050216 (DE)

Application

EP 03730014 A 20030513

Priority

- DE 10223083 A 20020518
- EP 0304962 W 20030513

Abstract (en)

[origin: WO03098271A2] The invention relates to a continuously electrically switchable transmissive electrooptical element (10) for a glass pane arrangement (11) for windows, doors, partitions, facades and the like, provided with a liquid crystal layer (30) upon whose both sides a transparent electrode (27, 33) is respectively arranged; also provided with a respective carrier substrate (26, 34). In order to ensure that the light polarizators are protected against external influences and to enable the transmissive electrooptical element (10) to be produced in an economical manner, a respective light polarisation layer (25, 35) is provided inside the element (10) of the liquid crystal layer (30) in an directly or indirectly adjacent position.

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G02F 1/1335

IPC 8 full level

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CPC (source: EP US)

E06B 9/24 (2013.01 - EP US); E06B 2009/2464 (2013.01 - EP US); G02F 1/133528 (2013.01 - EP US); G02F 1/133565 (2021.01 - EP US)

Citation (search report)

See references of WO 03098271A2

Cited by

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DOCDB simple family (publication)

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