

Title (en)
SUPPORT DEVICE FOR CHROMOPHORIC ELEMENTS

Title (de)
HILFSVORRICHTUNG FÜR CHROMOPHORE ELEMENTE

Title (fr)
DISPOSITIF DE SUPPORT D'ELEMENTS CHROMOPHORES

Publication
EP 1597562 A1 20051123 (FR)

Application
EP 04702349 A 20040115

Priority
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• FR 0300412 A 20030115

Abstract (en)
[origin: FR2849922A1] The device has an absorbing layer (18) formed between a transparent anti-reflective layer (20) and an internal layer to absorb a particular wavelength of excitation light (14). The transparent anti-reflective layer is formed as a piling of layers on a face of a support (10). The layer (20) has a refractive index nearly equal to the square root of refractive index of the support. Chromophore components (12) are illuminated by the excitation light (14) to emit fluorescence at wavelength different from the wavelength of the excitation light.

IPC 1-7
G01N 21/64; **G01N 21/77**

IPC 8 full level
G01N 21/64 (2006.01); **G01N 21/77** (2006.01)

CPC (source: EP US)
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See references of WO 2004068124A1

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FR 2849922 A1 20040716; **FR 2849922 B1 20080905**; CN 1739021 A 20060222; EP 1597562 A1 20051123; US 2006028642 A1 20060209; WO 2004068124 A1 20040812

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