Title (en)

Paper article having improved readability

Title (de)

Papierartikel mit verbesserter Lesbarkeit

Title (fr)

Article de papier ayant une lisibilité améliorée

Publication

EP 1897991 A3 20110608 (EN)

Application

EP 07115836 A 20070906

Priority

SE 0601845 A 20060907

Abstract (en)

[origin: EP1897991A2] A paper article comprising a wavelength converting material and/or a colorant is provided. The wavelength converting material has an absorption peak in the wavelength range of from 400 to 500 nm and an emission peak in the wavelength range of from 500 to 600 nm, while the colorant has an absorption peak in the wavelength range of from 600 to 700 nm. Such a paper article provides increased readability for persons suffering from cataract or cloudy vitreous body, and will have a preventive effect on the degeneration of the outer layer of the retina, and/or the development of myopia.

IPC 8 full level

D21H 21/28 (2006.01); **D21H 21/30** (2006.01)

CPC (source: EP)

D21H 21/28 (2013.01); D21H 21/30 (2013.01); D21H 21/54 (2013.01)

Citation (search report)

- [X] CN 1209448 A 19990303 - YANG FUMING [CN]
- [X] CN 1237515 A 19991208 - YU XUHONG [CN]
- [X] CN 1648183 A 20050803 - PENG LI AN [CN]

Cited by

CN104863009A; CN111497491A; CN104611983A; CN113089374A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 1897991 A2 20080312; **EP 1897991 A3 20110608**; **EP 1897991 B1 20120808**; DK 1897991 T3 20121015

DOCDB simple family (application)

EP 07115836 A 20070906; DK 07115836 T 20070906