

Title (en)  
MIXTURES OF OPTICAL BRIGHTENERS

Publication  
**EP 0033018 B1 19850410 (DE)**

Application  
**EP 80108264 A 19801231**

Priority  
DE 3001066 A 19800112

Abstract (en)  
[origin: EP0033018A2] 1. A mixture of two or more optical brighteners, which contains from 5 to 95% by weight of a compound of the general formula I see diagramm : EP0033018,P4,F5 and from 95 to 5% by weight of a compound of the general formula II see diagramm : EP0033018,P4,F6 in which formulae R is see diagramm : EP0033018,P4,F8 or formyl-C1 -C3 -alkyl, and Y and Z independently of one another are C1 -C4 -alkoxy, and the CN group is in the meta- or para- position.

IPC 1-7  
**D06L 3/12**

IPC 8 full level  
**C09K 3/00** (2006.01); **D06L 3/12** (2006.01); **D06L 4/65** (2017.01)

CPC (source: EP)  
**D06L 4/65** (2016.12)

Cited by  
EP0252009A1; US6120704A; WO9905356A1

Designated contracting state (EPC)  
CH DE FR GB IT LI

DOCDB simple family (publication)  
**EP 0033018 A2 19810805; EP 0033018 A3 19810812; EP 0033018 B1 19850410**; DE 3001066 A1 19810716; DE 3070492 D1 19850515; JP S56104981 A 19810821

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