

Title (en)

NON-LINEAR OPTICAL MATERIAL CONTAINING A HEMICYANINE COMPOUND AND PROCESS FOR PRODUCING IT.

Title (de)

NICHTLINEAR OPTISCHES MATERIAL DAS EINE HEMICYANINEVERBINDUNG ENTHÄLT UND VERFAHREN ZU SEINER HERSTELLUNG.

Title (fr)

MATERIAU OPTIQUE NON LINEAIRE CONTENANT UN COMPOSE HEMICYANINE ET SON PROCEDE DE FABRICATION.

Publication

EP 0348497 A1 19900103 (DE)

Application

EP 89902199 A 19881207

Priority

DE 3743833 A 19871223

Abstract (en)

[origin: WO8905843A1] Amphiphilic hemicyanines of formula (I) and polymer materials containing a chromophore covalently bonded according to formula (I), in which W, X, Y, Z, A, Q, n, R¹, R², R³ and V^g(U) have the meaning given in claim 1, are useful as non-linear optical media.

Abstract (fr)

Des hémicyanines amphiphiles ayant la formule (I) et des matériaux polymères qui contiennent un chromophore lié par covalence selon la formule (I), dans laquelle W, X, Y, Z, A, Q, n, R¹, R², R³ et V ont la signification décrite dans la première revendication, sont utiles comme milieux optiques non linéaires.

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IPC 8 full level

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CPC (source: EP KR)

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Citation (search report)

See references of WO 8905843A1

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