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- (74) Agent: **CARREIRA, Andrea**; Isler & Pedrazzini AG, Postfach 6940, CH-8023 Zurich (CH).
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- (71) Applicant (*for all designated States except US*): **ROLIC AG** [CH/CH]; Chamerstrasse 50, CH-6301 Zug (CH).
- (72) Inventors; and
- (75) Inventors/Applicants (*for US only*): **MARCK, Guy** [FR/FR]; 16A, rue du Kaegy, F-68440 Schlierbach (FR). **SEIBERLE, Hubert** [DE/DE]; Bodenseestrasse 1, D-79576 Weil am Rhein (DE). **IBN-ELHAJ, Mohammed** [MA/CH]; In den Dürrenmatten 1, CH-4123 Allschwil (CH).
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(54) Title: PHOTOACTIVE MATERIALS

(57) Abstract: Photoreactive dendrimers comprising a core portion, branching units and terminal groups, wherein at least one terminal group and/or branching unit is a photoreactive group and wherein the photo reactive groups include preferably cinnamates, coumarins, benzylidenephthalimidines, benzylideneacetophenones, diphenylacetylenes stilbazoles, uracyl, quinolinone, maleinimides, or cinnamylidene acetic acid derivatives and are able to undergo photocyclization, in particular [2+2]- photocyclization.



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