

Title (en)  
NOVEL DIBENZOILMETHANE DERIVATIVE COMPOUNDS, THE USE THEREOF IN THE FORM OF PHOTOACTIVABLE SOLAR FILTERS AND COSMETIC COMPOSITIONS CONTAINING SAID COMPOUNDS

Title (de)  
NEUE DIBENZOILMETHAN DERIVATIVVERBINDUNGEN, DEREN VERWENDUNG IN FORM VON LICHTAKTIVIERBAREN SONNENFILTERN UND KOSMETISCHE ZUSAMMENSETZUNGEN, DIE DIESE VERBINDUNGEN ENTHALTEN

Title (fr)  
COMPOSES DERIVES DE DIBENZOILMETHANE, UTILISATION EN TANT QUE FILTRES SOLAIRES PHOTOACTIVABLES ET COMPOSITIONS COSMETIQUES LES CONTENANT

Publication  
**EP 1648849 A2 20060426 (FR)**

Application  
**EP 04767684 A 20040715**

Priority  
• FR 2004001859 W 20040715  
• FR 0308736 A 20030717

Abstract (en)  
[origin: FR2857663A1] 4-(Tert. butyl)-4'-methoxydibenzoyl methane derivatives (I) are new. Dibenzoylmethane derivatives of formula (I) and their salts and solvates are new. [Image] R 1-R 4, R' 1-R' 4H, 1-4C alkyl, 2-4C alkenyl, 2-4C alkynyl, 1-4C alkoxy, halo, OH, NH 2, NO 2, amido or -CO-T; Y : OH, OR or SR; R : 1-4C alkyl; and R 5, R' 5H, 1-4C alkyl, 2-4C alkenyl, 2-4C alkynyl, 5-20C linear or branched, saturated or unsaturated, acyclic carbon chain (optionally terminally functionalized and/or interrupted by N (in an amide or amine function) and/or O (in an ether or carboxy function). An independent claim is included for the preparation of (I). N.B. In the disclosure the parent compound 4-(tert. butyl)-4'-methoxydibenzoyl methane, i.e. the keto form of (I; R 1- R 5, R' 1- R' 5= H) or Parsol 1789(RTM), is stated to be known; and the claimed preparation of (I) implies that R 5and/or R' 5must be other than H.

IPC 1-7  
**C07C 49/84; A61K 8/18**

IPC 8 full level  
**A61K 8/35** (2006.01); **A61P 17/16** (2006.01); **A61Q 17/04** (2006.01); **C07C 49/84** (2006.01)

CPC (source: EP KR US)  
**A61K 8/30** (2013.01 - KR); **A61K 8/35** (2013.01 - EP US); **A61P 17/16** (2017.12 - EP); **A61Q 17/04** (2013.01 - EP US); **C07C 49/84** (2013.01 - EP KR US); **A61K 2800/52** (2013.01 - EP US)

Citation (search report)  
See references of WO 2005009938A2

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