

Title (en)  
1,7 AND 1,9-DIARYLPOLYMETHINE SALTS

Title (de)  
1,7- UND 1,9-DIARYLPOLYMETHINSALZE

Title (fr)  
SELS DE 1,7- ET DE 1,9-DIARYLPOLYMETHINE

Publication  
**EP 1339671 A2 20030903 (FR)**

Application  
**EP 01999551 A 20011205**

Priority  

- FR 0103844 W 20011205
- FR 0015928 A 20001207
- FR 0109743 A 20010720

Abstract (en)  
[origin: WO0246139A2] The invention concerns 1,7-diarylpentamethine and 1,9-diarylheptamethine salts, in particular heptacarbon or nonacarbon carboxonium salts, and streptocyanines. The compounds correspond to the formula [G-D-G']<+ >Q<-> wherein Q is a strong acid anion, and G and G' represent independently of each other a OEt, amino, hydrazono, hydrazino, phosphaimino, amidino or guanidino group, or a multivalent radical optionally bound at least at one of its other ends to another group D; D represents a cationic 1,7-diarylpentamethine or 1,9-diarylheptamethine group wherein the aryl groups bear substituents representing independently of one another a hydrogen, a halogen, an alkyl radical or an alkoxy radical having 1 to 15 carbon atoms or a acetamido CH<sub>3</sub>C(O)HN- group.

IPC 1-7  
**C07C 251/16**; C09B 23/08; C07C 43/16; A61K 49/00; C07C 251/86; C07D 295/12; C07C 211/63; C07C 217/48; C07C 217/64; C07C 211/28; C07D 295/08; C07C 251/88; C07C 251/24

IPC 8 full level  
**A61K 49/00** (2006.01); **C07C 43/166** (2006.01); **C07C 43/176** (2006.01); **C07C 43/215** (2006.01); **C07C 211/28** (2006.01); **C07C 211/63** (2006.01); **C07C 217/48** (2006.01); **C07C 217/64** (2006.01); **C07C 251/16** (2006.01); **C07C 251/24** (2006.01); **C07C 251/86** (2006.01); **C07C 251/88** (2006.01); **C07D 295/096** (2006.01); **C07D 295/13** (2006.01); **C07D 295/135** (2006.01); **C09B 23/01** (2006.01); **C09B 23/08** (2006.01)

CPC (source: EP US)  
**A61K 49/0032** (2013.01 - EP US); **C07C 43/166** (2013.01 - EP US); **C07C 43/176** (2013.01 - EP US); **C07C 43/215** (2013.01 - EP US); **C07C 211/28** (2013.01 - EP US); **C07C 211/63** (2013.01 - EP US); **C07C 217/48** (2013.01 - EP US); **C07C 217/64** (2013.01 - EP US); **C07C 251/16** (2013.01 - EP US); **C07C 251/24** (2013.01 - EP US); **C07C 251/86** (2013.01 - EP US); **C07C 251/88** (2013.01 - EP US); **C07D 295/096** (2013.01 - EP US); **C07D 295/13** (2013.01 - EP US); **C07D 295/135** (2013.01 - EP US); **C09B 23/0066** (2013.01 - EP US); **C09B 23/086** (2013.01 - EP US); **C07C 2601/16** (2017.04 - EP US)

Citation (search report)  
See references of WO 0246139A2

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**WO 0246139 A2 20020613**; **WO 0246139 A3 20020801**; EP 1339671 A2 20030903; US 2004054178 A1 20040318

DOCDB simple family (application)  
**FR 0103844 W 20011205**; EP 01999551 A 20011205; US 43389003 A 20030606