

Title (en)

HETEROCYCLYL POLYMETHINE IR CHROMOPHORES

Title (de)

HETEROCYCLYLPOLYMETHINIR-IR-CHROMOPHORE

Title (fr)

CHROMOPHORES IR À BASE DE POLYMÉTHINE HÉTÉROCYCLYLE

Publication

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Application

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Priority

- US 201862775788 P 20181205
- US 2019064790 W 20191205

Abstract (en)

[origin: WO2020118116A1] The present disclosure provides NIR- and SWIR-active small molecule polymethine dyes with improved properties for use in optical imaging, photothermal therapy, and photodynamic therapy.

IPC 8 full level

C09B 23/01 (2006.01); **A61K 31/352** (2006.01); **A61K 31/437** (2006.01); **C07D 311/60** (2006.01); **C07D 311/92** (2006.01); **C07D 403/08** (2006.01); **C07D 405/08** (2006.01); **C07D 405/14** (2006.01); **C07D 409/08** (2006.01); **C07D 491/22** (2006.01); **C09B 23/04** (2006.01); **C09B 23/06** (2006.01); **C09B 23/08** (2006.01); **C09B 23/10** (2006.01)

CPC (source: EP)

C07D 311/60 (2013.01); **C07D 311/92** (2013.01); **C07D 403/08** (2013.01); **C07D 405/08** (2013.01); **C07D 405/14** (2013.01); **C07D 409/08** (2013.01); **C07D 491/22** (2013.01); **C09B 23/0016** (2013.01); **C09B 23/0066** (2013.01); **C09B 23/04** (2013.01); **C09B 23/06** (2013.01); **C09B 23/086** (2013.01)

Citation (search report)

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- [XP] WO 2018226720 A1 20181213 - UNIV CALIFORNIA [US]
- [E] WO 2020245447 A1 20201210 - HELMHOLTZ ZENTRUM MUENCHEN DEUTSCHES FORSCHUNGSZENTRUM GESUNDHEIT & UMWELT GMBH [DE], et al
- [E] WO 2020245446 A1 20201210 - HELMHOLTZ ZENTRUM MUENCHEN DEUTSCHES FORSCHUNGSZENTRUM GESUNDHEIT & UMWELT GMBH [DE], et al
- See references of WO 2020118116A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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