

Title (en)  
AZACYANINE DYES AND USE THEREOF

Title (de)  
AZACYANIN-FARBSTOFFE UND VERWENDUNG DAVON

Title (fr)  
COLORANTS D'AZACYANINE ET LEUR UTILISATION

Publication  
**EP 3768780 A1 20210127 (EN)**

Application  
**EP 18727416 A 20180321**

Priority  
IB 2018000390 W 20180321

Abstract (en)  
[origin: WO2019180475A1] The application provides fluorescent dyes, which are cyanine dyes that incorporate additional aza moieties in the indolenium heterocycles and/or in the methine chains connecting them. Symmetrical and unsymmetrical chemically reactive azacyanine dyes are described for conjugation, as well as their bioconjugates for in-vitro and in-vivo assays and fluorescence imaging.

IPC 8 full level  
**C09B 23/01** (2006.01); **A61K 49/00** (2006.01); **G01N 33/58** (2006.01)

CPC (source: EP)  
**A61K 49/0002** (2013.01); **A61K 49/0032** (2013.01); **A61K 49/0052** (2013.01); **A61K 49/0056** (2013.01); **A61K 49/0058** (2013.01); **A61K 49/006** (2013.01); **A61K 51/0497** (2013.01); **C09B 23/0016** (2013.01); **C09B 23/0025** (2013.01); **C09B 23/0033** (2013.01); **C09B 23/0041** (2013.01); **C09B 23/0075** (2013.01); **G01N 33/582** (2013.01)

Citation (search report)  
See references of WO 2019180475A1

Designated contracting state (EPC)  
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Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**WO 2019180475 A1 20190926**; CA 3094902 A1 20190926; EA 202092228 A1 20210719; EP 3768780 A1 20210127; JP 2021520424 A 20210819

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