

Title (en)
POLYMERS CONTAINING DIBENZOCYCLOHEPTENE STRUCTURAL UNITS

Title (de)
POLYMERE ENTHALTEND DIBENZOCYCLOHEPTAN-STRUKTUREINHEITEN

Title (fr)
POLYMÈRES CONTENANT DES UNITÉS STRUCTURALES SOUS FORME DE DIBENZOCYCLOHEPTANE

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Application
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Abstract (en)
[origin: WO2013124029A2] The invention relates to polymers containing dibenzocycloheptene structural units, to a method for the production thereof, and to blends and formulations containing said polymers. The invention further relates to the use of the polymers or blends according to the invention in electronic devices and to electronic devices, in particular OLEDs, containing the polymers or blends according to the invention.

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Citation (examination)
• US 2004067388 A1 20040408 - SUZUKI SATOSHI [JP]
• WO 0226856 A1 20020404 - CAMBRIDGE DISPLAY TECH LTD [GB], et al
• DAVID VONLANTHEN ET AL: "Synthesis of Rotationally Restricted and Modular Biphenyl Building Blocks", EUROPEAN JOURNAL OF ORGANIC CHEMISTRY, vol. 2010, no. 1, 1 January 2010 (2010-01-01), pages 120 - 133, XP055061132, ISSN: 1434-193X, DOI: 10.1002/ejoc.200900805
• ULRIKE WENZEL: "Charakterisierung eines ultrahochmolekularen Polymethacrylats mit fl?ssigkristalliner Seitengruppe in verd?nnter L?sung", vol. D83/2000, 5 July 2000 (2000-07-05), pages 78pp, XP007912815, Retrieved from the Internet <URL:http://opus.kobv.de/tuberlin/volltexte/2000/171/pdf/wenzel_ulrike.pdf> [retrieved on 20100426]
• See also references of WO 2013124029A2

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