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(54) ORGANIC MOLECULES FOR OPTOELECTRONIC DEVICES

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(57)ABSTRACT

An organic molecule for application in optoelectronic devices is disclosed. The organic molecule has a structure of Formula I, wherein R¹ and R² are independently from each other selected from the group consisting of: C₁-C₄₀-alkyl, which is optionally substituted with one or more substituents R^5 , and C_6 - C_{60} -aryl, which is optionally substituted with one or more substituents R^5 ; and R^H is selected from the group consisting of H, D, F, Br, I, and C₁-C₄-alkyl.

Formula I

$$(\mathbf{R}^{a})_{s}$$

$$(\mathbf{R}^{a})_{q}$$

$$(\mathbf{R}^{a})_{m}$$

$$(\mathbf{R}^{a})_{m}$$

$$(\mathbf{R}^{a})_{r}$$

$$(\mathbf{R}^{a})_{r}$$

$$(\mathbf{R}^{a})_{r}$$

$$(\mathbf{R}^{a})_{r}$$

$$(\mathbf{R}^{a})_{r}$$

$$(\mathbf{R}^{a})_{r}$$