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(54) Title: SEMICONDUCTOR MATERIALS PREPARED FROM RYLENE-(π -ACCEPTOR) COPOLYMERS

(57) Abstract: Disclosed are new semiconductor materials prepared from rylene-(π -acceptor) copolymers. Such copolymers can exhibit high n-type carrier mobility and/or good current modulation characteristics. In addition, the polymers of the present teachings can possess certain processing advantages such as solution-processability and/or good stability at ambient conditions.



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