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Abstract (en)
[origin: WO9413669A1] The invention relates to a method for the preparation of a bisnadimide of formula (II) substantially free of oligomeric, amidic and uncyclized impurities wherein: Ar is an optionally substituted aryl, optionally substituted bridged or bonded di- or poly- aryl or optionally substituted heteroaryl group; Ar' is an optionally substituted aryl or heteroaryl group which provides for good conjugation between the nitrogen containing groups; X is hydrogen, halogen or an alkyl group; and m is 0 to 6 which comprises reacting a diaminobisimide of formula (III); wherein Ar and Ar' are as defined in formula (II) with nadic acid or a reactive derivative thereof which is optionally substituted with an alkyl group. The invention also relates to bisnadimides of formula (II) and high temperature resistant matrix polymers for composites made therefrom.

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