

Title (en)  
BISNADIMIDES.

Title (de)  
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Title (fr)  
BISNADIMIDES.

Publication  
**EP 0672044 A1 19950920 (EN)**

Application  
**EP 94901690 A 19931207**

Priority  
• AU 9300622 W 19931207  
• AU PL623292 A 19921207

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.

IPC 1-7  
**C07D 487/04**; **C07D 403/14**; **C08G 73/10**; **C09J 179/08**; **D06M 15/59**

IPC 8 full level  
**C07D 209/76** (2006.01); **C07D 403/14** (2006.01); **C07D 487/04** (2006.01); **C08F 26/00** (2006.01); **C08F 26/06** (2006.01); **C08G 73/10** (2006.01); **C08G 73/12** (2006.01); **C09J 179/08** (2006.01); **D01F 11/14** (2006.01); **D06M 15/59** (2006.01)

CPC (source: EP US)  
**C07D 209/76** (2013.01 - EP); **C07D 487/04** (2013.01 - EP); **C08G 73/101** (2013.01 - EP); **C08G 73/128** (2013.01 - EP); **C08J 5/243** (2021.05 - EP US); **C09J 179/08** (2013.01 - EP); **C09J 179/085** (2013.01 - EP); **D01F 11/14** (2013.01 - EP); **C08J 2379/08** (2013.01 - EP)

Designated contracting state (EPC)  
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**WO 9413669 A1 19940623**; AU 5619094 A 19940704; CA 2150566 A1 19940623; EP 0672044 A1 19950920; EP 0672044 A4 19970820; JP H08504196 A 19960507; NZ 258488 A 19970224

DOCDB simple family (application)  
**AU 9300622 W 19931207**; AU 5619094 A 19931207; CA 2150566 A 19931207; EP 94901690 A 19931207; JP 51355594 A 19931207; NZ 25848893 A 19931207