

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
26 July 2001 (26.07.2001)

PCT

(10) International Publication Number
WO 01/053252 A3

(51) International Patent Classification⁷: **C07C 231/10**,
233/03, B01J 27/00

19810 (US). **KOURTAKIS, Kostantinos, Dino** [US/US];
241 Lafayette Drive, Swedesboro, NJ 08085 (US).

(21) International Application Number: PCT/US01/02329

(74) Agent: **LANGWORTHY, John, A.**; E.I. Dupont De
Nemours and Company, Legal Patent Records Center,
1007 Market Street, Wilmington, DE 19898 (US).

(22) International Filing Date: 23 January 2001 (23.01.2001)

(25) Filing Language: English

(81) Designated States (*national*): BR, CA, DE, GB, IN, JP,
KR, MX, PL, RO, SG, TR, US, ZA.

(26) Publication Language: English

(84) Designated States (*regional*): European patent (AT, BE,
CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC,
NL, PT, SE, TR).

(30) Priority Data:
60/177,794 24 January 2000 (24.01.2000) US

Published:
— with international search report

(71) Applicant (*for all designated States except US*): **E.I.
DUPONT DE NEMOURS AND COMPANY** [US/US];
1007 Market Street, Wilmington, DE 19898 (US).

(88) Date of publication of the international search report:
28 November 2002

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): **COULSON, Dale,
Robert** [US/US]; 2314 Empire Drive, Wilmington, DE

*For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.*



WO 01/053252 A3

(54) Title: PROCESS FOR THE PREPARATION OF SUBSTITUTED FORMAMIDES

(57) Abstract: Substituted formamides are prepared by the oxidation of amines in the presence of a catalyst.