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Published:

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(54) Title: METHOD FOR PREPARATION OF MONONITRATED AROMATIC COMPOUNDS

(57) **Abstract:** The invention discloses a method for preparation of mononitrated aromatic compounds in a liquid-liquid biphasic solvent system with aqueous nitric acid as one phase and ionic liquids (ILs) as the second phase, wherein the nitric acid is batch wise or continuously exchanged during the reaction, or the water, that is generated during the reaction, is removed by addition of NO₂ and an oxidizing agent during the reaction.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
INV. C07C201/08 C07C205/06
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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
C07C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1 324 973 B1 (UNIV BELFAST [GB]) 24 March 2010 (2010-03-24) cited in the application paragraphs [0006], [0015]; claims -----	1-12
A	WO 03/020683 A1 (CYTEC TECH CORP [US]; RAMANI ALWAR [IN]; SEDDON KENNETH R [IE]; EARLE) 13 March 2003 (2003-03-13) page 3, line 27 - page 4, line 7; claims 1-3,6-15; examples 3,4,7 -----	1-12



Further documents are listed in the continuation of Box C.



See patent family annex.

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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