

(12) PATENT APPLICATION PUBLICATION

(21) Application No.373/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :19/02/2010

(43) Publication Date : 31/08/2012

(54) Title of the invention : AN APPARATUS FOR DECOLOURIZATION OF ANALYTES AND A PROCESS THEREOF

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI-110 001, INDIA. Delhi India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)RITA SANDIP DHODAPKAR
(61) Patent of Addition to Application Number	:NA	2)NAGESWARA RAO NETI
Filing Date	:NA	3)TAPAS NANDY
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed herein is an apparatus for decolourization of analytes and a pretreatment process for colour removal from water and wastewater prior to analysis. The invention is based on titanium dioxide and UV light induced oxidation of chromophore bearing compounds which cause interference in analysis of anions by spectrophotometric or turbidimetric methods.

No. of Pages : 26 No. of Claims : 9