

Title (en)  
FILTER MATERIAL AND PROCESS FOR PRODUCING NO<sub>2</sub>-FREE GASES

Title (de)  
FILTERMATERIAL UND VERFAHREN ZUR HERSTELLUNG VON NO<sub>2</sub>-FREIEN GASEN ODER FLÜSSIGKEITEN

Title (fr)  
MATERIAU FILTRANT ET PROCEDE DE PRODUCTION DE GAZ OU DE LIQUIDES SANS NO<sub>2</sub>

Publication  
**EP 0788398 A1 19970813 (DE)**

Application  
**EP 95936489 A 19951013**

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Abstract (en)  
[origin: US5846297A] PCT No. PCT/EP95/04036 Sec. 371 Date Jun. 30, 1997 Sec. 102(e) Date Jun. 30, 1997 PCT Filed Oct. 13, 1995 PCT Pub. No. WO96/12551 PCT Pub. Date May 2, 1996 Polyarylene ethers are employed as filter material for removing NO<sub>2</sub> from gases and liquids. In the presence of an oxidizing agent having a redox potential of at least 0.96 V SHE, NO can also be removed. The filter material is used to produce NO<sub>2</sub>-free gases, for example in the medical sector.

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**B01D 53/56**; **C01B 21/24**

IPC 8 full level  
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