

Title (en)

FILTER MATERIAL AND PROCESS FOR PRODUCING NO₂-FREE GASES

Title (de)

FILTERMATERIAL UND VERFAHREN ZUR HERSTELLUNG VON NO₂-FREIEN GASEN ODER FLÜSSIGKEITEN

Title (fr)

MATERIAU FILTRANT ET PROCEDE DE PRODUCTION DE GAZ OU DE LIQUIDES SANS NO₂

Publication

EP 0788398 A1 19970813 (DE)

Application

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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 NO₂ 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 NO₂-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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CPC (source: EP US)

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