

Title (en)
Tobacco smoke filter element with alkali ferrate supported on granular material.

Title (de)
Tabakrauchfilterelement enthaltend Alkaliferrat auf granuliertem Trägermaterial.

Title (fr)
Élément filtrant pour fumée de tabac avec ferrate d'alkali sur support granulaire.

Publication
EP 0000625 A1 19790207 (EN)

Application
EP 78300110 A 19780630

Priority
US 82050277 A 19770801

Abstract (en)
Alkali, e.g. potassium, ferrates as impregnating substances for inert gas-permeable granular support materials, e.g. polyethylene or a zeolite optionally admixed with activated carbon or activated alumina (which may be impregnated, for instance, with sodium permanganate and a basic sodium compound), are disclosed; the resulting impregnated materials may be used as additives for general use, especially treating fluids or fluid suspensions to selectively remove at least part of an undesirable constituent. One particular undesirable constituent which may be at least partly selectively removed from a fluid or fluid suspension by means of the impregnated materials is hydrogen cyanide and this is of special importance for treating, e.g., tobacco smoke.

IPC 1-7
A24B 15/027; **B01J 1/22**; **C08L 23/06**

IPC 8 full level
A24D 3/16 (2006.01); **B01J 20/32** (2006.01)

CPC (source: EP US)
A24D 3/16 (2013.01 - EP US); **B01J 20/0222** (2013.01 - EP US); **B01J 20/0229** (2013.01 - EP US); **B01J 20/04** (2013.01 - EP US); **B01J 20/041** (2013.01 - EP US); **B01J 20/043** (2013.01 - EP US); **B01J 20/08** (2013.01 - EP US); **B01J 20/186** (2013.01 - EP US); **B01J 20/20** (2013.01 - EP US); **B01J 20/28004** (2013.01 - EP US); **B01J 20/28057** (2013.01 - EP US); **B01J 20/2808** (2013.01 - EP US); **B01J 20/3085** (2013.01 - EP US); **B01J 20/3092** (2013.01 - EP US); **B01J 20/3204** (2013.01 - EP US); **B01J 20/321** (2013.01 - EP US); **B01J 20/3236** (2013.01 - EP US); **B01J 2220/42** (2013.01 - EP US); **B01J 2220/66** (2013.01 - EP US)

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Designated contracting state (EPC)
CH DE GB NL

DOCDB simple family (publication)
EP 0000625 A1 19790207; **EP 0000625 B1 19810128**; DE 2860366 D1 19810319; US 4246910 A 19810127

DOCDB simple family (application)
EP 78300110 A 19780630; DE 2860366 T 19780630; US 82050277 A 19770801