

Title (en)  
COMPOSITIONS OF INSOLUBLE MAGNESIUM CONTAINING MINERALS FOR USE IN FLUID FILTRATION

Title (de)  
ZUSAMMENSETZUNGEN AUS UNLÖSLICHEM MAGNESIUM MIT MINERALIEN ZUR VERWENDUNG BEI FLUIDFILTRATION

Title (fr)  
COMPOSITIONS DE MINERAUX CONTENANT DU MAGNESIUM INSOLUBLE DESTINEES A ETRE UTILISEES POUR LA FILTRATION DE FLUIDES

Publication  
**EP 1370338 A4 20040728 (EN)**

Application  
**EP 02736485 A 20020201**

Priority  
• US 0202914 W 20020201  
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Abstract (en)  
[origin: WO02076577A2] A method and device for the filtration and/or purification of fluids water or other solutions containing microbiological and chemical contaminants, such as fluids containing cysts, bacteria and/or viruses, and heavy metals and/or pesticides, where the fluid is passed through a purification material composed of magnesium containing mineral and more preferably silicates containing magnesium, oxides containing magnesium, hydroxides containing magnesium, and phosphates containing magnesium and absorption media in a fixed binder matrix.  
[origin: WO02076577A2] A method and device for the filtration and/or purification of fluids such as water or other solutions containing microbiological and chemical contaminants, such as cysts, bacteria and/or virus and heavy metals and/or pesticides, where the fluid is passed through a housing (11) containing a purification material in a porous block (17) composed of magnesium containing minerals and more preferably silicates containing magnesium, oxides containing magnesium, hydroxides containing magnesium, and phosphates containing magnesium and absorption media in a fixed binder matrix.

IPC 1-7  
**B01D 39/06**; **B01D 39/08**; **B01D 46/10**; **C02F 1/28**

IPC 8 full level  
**A61L 2/04** (2006.01); **A61L 2/08** (2006.01); **A61L 2/16** (2006.01); **B01D 39/14** (2006.01); **B01D 39/20** (2006.01); **B01D 46/10** (2006.01); **B01D 53/64** (2006.01); **B01J 20/04** (2006.01); **B01J 20/10** (2006.01); **B01J 20/28** (2006.01); **B01J 20/34** (2006.01); **B01J 47/00** (2006.01); **C02F 1/28** (2006.01)

CPC (source: EP KR)  
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Citation (search report)  
• [X] US 6180016 B1 20010130 - JOHNSTON ARTHUR W [US], et al  
• [PX] WO 0181249 A1 20011101 - WATERVISIONS INT INC [US], et al  
• See references of WO 02076577A2

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