

Title (en)  
ASBESTOS-FREE CATHODIC ELEMENT SUITABLE FOR ELECTROLYSIS OF SODIUM CHLORIDE SOLUTION

Title (de)  
ASBESTFREIES KATHODENELEMENT FÜR DIE ELEKTROLYSE VON Natriumchlorid-LÖSUNGEN

Title (fr)  
ELEMENT CATHODIQUE EXEMPT D'AMIANTE UTILISABLE POUR L'ELECTROLYSE DE SOLUTION DE CHLORURE DE SODIUM

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Application  
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Abstract (en)  
[origin: WO9724474A1] This invention covers a cathodic element free from asbestos fibres that can be obtained by deposition after filtration through a porous medium of an aqueous suspension comprising electrically conductive fibres, at least one cationic polymer, at least one electrocatalytic agent, at least one pore-forming agent and at least one binder selected from among the fluoropolymers. The invention also covers a method for preparing such a cathodic element.

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Cited by  
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**WO 9724474 A1 19970710**; AU 1381097 A 19970728; BG 102564 A 19990129; BG 62785 B1 20000731; BR 9612313 A 19991228;  
CA 2241230 A1 19970710; CA 2241230 C 20040203; CN 1163636 C 20040825; CN 1208443 A 19990217; DE 69603092 D1 19990805;  
DE 69603092 T2 19991118; EA 000808 B1 20000424; EA 199800613 A1 19981224; EP 0870077 A1 19981014; EP 0870077 B1 19990630;  
FR 2743090 A1 19970704; FR 2743090 B1 19980206; JP 2000502753 A 20000307; KR 19990076911 A 19991025;  
MX PA98005187 A 20050428; NO 983011 D0 19980626; NO 983011 L 19980831; PL 327570 A1 19981221; UA 47449 C2 20020715;  
US 6099704 A 20000808

DOCDB simple family (application)  
**FR 9602091 W 19961227**; AU 1381097 A 19961227; BG 10256498 A 19980619; BR 9612313 A 19961227; CA 2241230 A 19961227;  
CN 96199803 A 19961227; DE 69603092 T 19961227; EA 199800613 A 19961227; EP 96944091 A 19961227; FR 9515712 A 19951229;  
JP 52407597 A 19961227; KR 19980705039 A 19980629; MX 9805187 A 19961227; NO 983011 A 19980626; PL 32757096 A 19961227;  
UA 98063370 A 19961227; US 10101098 A 19981006