

Title (en)

MATERIAL BASED ON CONDUCTIVE FIBRES, ITS MANUFACTURE AND ITS USE, IN PARTICULAR IN THE PRODUCTION OF CATHODE ELEMENTS

Publication

**EP 0319517 A3 19890621 (FR)**

Application

**EP 89100455 A 19840620**

Priority

- EP 89100455 A 19840620
- FR 8310291 A 19830622

Abstract (en)

[origin: EP0319517A2] Materials consisting of sheets of fibres and more precisely sheets of electrically conductive fibres bonded by means of a fluorine- containing polymer. The invention also relates to a process for the manufacture of these sheets from suspensions containing the fibres, the fluorine-containing polymer and, with a view to certain applications, additives such as electrocatalytic agents. These sheets of fibres and especially those containing electrocatalyst agents can be employed for the production of cathode components for electrolysis cells.

IPC 1-7

**C25B 11/04**

IPC 8 full level

**C25B 11/04** (2006.01)

CPC (source: EP)

**C25B 11/04** (2013.01); **C25B 11/095** (2021.01)

Citation (search report)

- [X] EP 0002787 A1 19790711 - DIAMOND SHAMROCK TECHN [CH]
- [A] US 4339322 A 19820713 - BALKO EDWARD N, et al
- [A] FR 2304184 A1 19761008 - STAMICARBON [NL]

Cited by

FR2716207A1; US6200457B1; CN109437455A; WO9521950A1; WO2005047012A1; US7483188B2

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

**EP 0319517 A2 19890607; EP 0319517 A3 19890621; EP 0319517 B1 19940119; AT E100502 T1 19940215**

DOCDB simple family (application)

**EP 89100455 A 19840620; AT 89100455 T 19890112**