

Title (en)
PROCESS FOR IMMOBILIZING ION-EXCHANGERS BY HYDRAULIC BINDING-MATERIAL

Publication
EP 0294260 B1 19920325 (FR)

Application
EP 88401175 A 19880513

Priority
FR 8706871 A 19870515

Abstract (en)
[origin: WO8809040A1] Method for immobilization of radioactive ion exchange resins by means of a hydraulic binder, particularly borate-containing resins. According to the method, the resins are allowed to settle and brought in contact with an eluent solution of 100-300 g/l in $\text{Ca}(\text{NO}_3)_2$ with a ratio of 1-2 l/kg of settled resins during 3 hours at the most and, to the medium having a pH 9 there is added a hydraulic binder with low hydration heat so that the weight ratio eluent solution water/binder is comprised between 0.3 and 0.5 and the incorporation ratio settled resins/coated product (by weight) is comprised between 3 and 10 %.

IPC 1-7
G21F 9/16

IPC 8 full level
G21F 9/00 (2006.01); **G21F 9/16** (2006.01); **G21F 9/30** (2006.01)

CPC (source: EP KR)
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Cited by
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Designated contracting state (EPC)
BE CH DE ES FR GB IT LI

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WO 8809040 A1 19881117; DE 3869481 D1 19920430; EP 0294260 A1 19881207; EP 0294260 B1 19920325; ES 2031254 T3 19921201; FR 2615315 A1 19881118; FR 2615315 B1 19890825; JP 2683779 B2 19971203; JP H01503332 A 19891109; KR 890702212 A 19891223; KR 970011261 B1 19970708

DOCDB simple family (application)
FR 8800233 W 19880511; DE 3869481 T 19880513; EP 88401175 A 19880513; ES 88401175 T 19880513; FR 8706871 A 19870515; JP 50431188 A 19880511; KR 890700063 A 19890114