

Title (en)

PROCESS FOR THE CONTINUOUS OR QUASI-CONTINUOUS SEPARATION OF CESIUM-IONS FROM AQUEOUS SOLUTIONS BY MEANS OF ION-EXCHANGE ON AMMONIUM PHOSPHOMOLYBDATE

Publication

**EP 0252166 B1 19910717 (DE)**

Application

**EP 86109194 A 19860705**

Priority

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Abstract (en)

[origin: US4826604A] The invention relates to a process for continuous or almost continuous separation of cesium ions from aqueous solutions having high concentrations of sodium and/or potassium ions by ion exchange with ammonium molybdophosphate (AMP). A quantitative cesium separation from aqueous solutions which are high in salts, especially from highly radioactive solutions which are strongly nitric and contain nitrate, is achieved, without having to consider bleeding of the AMP and/or undesirable local overheating in the exchanger.

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**G21F 9/12**

IPC 8 full level

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