

Title (en)

ELECTRODE FREE FROM NOBLE METALS AND PROCESS FOR ITS MANUFACTURE

Publication

EP 0042984 B1 19830817 (DE)

Application

EP 81104207 A 19810602

Priority

DE 3024611 A 19800628

Abstract (en)

[origin: US4411761A] In an electrode suitable for electrolysis of aqueous sodium chloride or potassium chloride solutions, at least the outer layer contains spinels, specifically a mixture of the individual spinels of iron and of cobalt, the weight ratio of iron spinels: cobalt spinels being from 30:70 to 90:10. The electrodes are produced by applying a powder mixture of iron spinel and cobalt spinel to a substrate by a plasma spraying process wherein argon is used as the plasma gas and the spraying energy is from 6 to 30 kW.

IPC 1-7

C25B 11/04; **C23C 17/00**

IPC 8 full level

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CPC (source: EP US)

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Cited by

DE102014001816A1; WO2015120971A1; DE102015014828A1; US11283077B2; DE102015010083A1; US11515557B2

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