

Title (en)

PROCESS FOR ELECTROCHEMICAL REMOVING GANGUE THAT SURROUNDS METALLIC ELEMENTS IN LOOSE MATERIALS

Publication

EP 0149938 B1 19870708 (FR)

Application

EP 84402618 A 19841217

Priority

FR 8400922 A 19840120

Abstract (en)

[origin: EP0149938A2] 1. An electrochemical process for removing gangue surrounding metallic elements in bulk materials, characterised in that the bulk materials are introduced into a basket (4) disposed in an electrolysis cell (1), this cell comprising : a) a cathode constituted of a central conductive part (5) extending into the basket and connected to a metallic grid (6) disposed at the bottom of the basket, b) an anode (8) outside the basket, c) a basic aqueous bath as the electrolyte, a cathodic polarization is maintained, which results in an emanation of hydrogen for a sufficient time to obtain a detachment of the gangue, then the basket (4) is withdrawn from the cell (1) and the metallic elements are separated from the gangue.

IPC 1-7

C25F 1/00; **C25F 7/00**

IPC 8 full level

C25F 1/00 (2006.01); **C25F 7/00** (2006.01)

CPC (source: EP)

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Cited by

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EP 0149938 A2 19850731; **EP 0149938 A3 19850821**; **EP 0149938 B1 19870708**; EG 16769 A 19930430; ES 539612 A0 19860401; ES 8605304 A1 19860401; FR 2558486 A1 19850726; FR 2558486 B1 19860613; GR 850103 B 19850516; TR 22020 A 19860113; YU 7585 A 19880430

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EP 84402618 A 19841217; EG 2985 A 19850119; ES 539612 A 19850116; FR 8400922 A 19840120; GR 850100103 A 19850115; TR 2202084 A 19841221; YU 7585 A 19850118