

Title (en)

Apparatus and method for balances removal of gasses from electrolysis cells by suction

Title (de)

Verfahren und Vorrichtung zur Ausgleichsentfernung von Gasen aus Elektrolysezellen durch Absaugung

Title (fr)

Appareil et procédé pour la suppression d'équilibre de gaz des cellules d'électrolyse par aspiration

Publication

EP 2248605 A1 20101110 (EN)

Application

EP 09006172 A 20090506

Priority

EP 09006172 A 20090506

Abstract (en)

The invention concerns an apparatus and a method for the removal of gasses from electrolysis cells (21) by suction, the apparatus comprising a branch duct (3) for each electrolysis cell, a main duct (4) connecting the branch ducts to a gas treatment centre (5) and a central suction fan (6) providing for at least part of the suction, wherein one or more of the branch ducts are provided with supplementary suction means (8) and wherein control means (9) to control the supplementary suction means and pressure monitor means are provided, wherein the control means are adapted to control the supplementary suction means in dependence from changes in the monitored pressure with respect to a reference pressure.

IPC 8 full level

B08B 15/00 (2006.01); **C25C 3/22** (2006.01)

CPC (source: EP)

B08B 15/002 (2013.01); **C25C 3/22** (2013.01)

Citation (applicant)

- WO 2008074386 A2 20080626 - DANIELI CORUS TECHNICAL SERVIC [NL], et al
- US 2002073503 A1 20020620 - WISSER DAVID A [US]

Citation (search report)

- [A] WO 2008074386 A2 20080626 - DANIELI CORUS TECHNICAL SERVIC [NL], et al
- [A] US 2002073503 A1 20020620 - WISSER DAVID A [US]

Citation (third parties)

Third party :

EP 1845175 A1 20071017 - PECHINEY ALUMINIUM [FR]

Cited by

CN110219024A; CN109926425A; NO20181482A1; WO2020104343A1

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DOCDB simple family (application)

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