

Title (en)  
Apparatus and method for the removal of gasses

Title (de)  
Vorrichtung und Verfahren zur Gasentfernung

Title (fr)  
Appareil et procédé de suppression de gaz

Publication  
**EP 1936011 A1 20080625 (EN)**

Application  
**EP 06026549 A 20061221**

Priority  
EP 06026549 A 20061221

Abstract (en)  
The invention relates to an apparatus for the removal of gasses from a number of electrolysis cells (1), comprising a suction duct (2) for each cell, each suction duct being connected to a central manifold (3) with a gas treatment centre (4) and a central suction fan (5), wherein a flow restriction device (6) is provided in each suction duct, and wherein one or more additional ductworks (11) are provided, each additional ductwork for one or more suction ducts, wherein each additional ductwork has a branch (12) for each suction duct, the branch being connected to the suction duct between the electrolysis cell and the flow restriction device, which one or more branches are connected to a booster duct (14) in which an on/off valve (13) is present, one or more booster ducts being connected to a booster manifold which is connected to the central manifold, a booster fan (15) being provided in the booster manifold. The invention also relates to a method for performing an electrolysis process.

IPC 8 full level  
**C25C 3/22** (2006.01); **C08B 15/00** (2006.01)

CPC (source: EP)  
**B08B 15/002** (2013.01); **C25C 3/22** (2013.01)

Citation (search report)  
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• [A] M. KARLSEN, R. HUGLEN: "Reduction of Fluoride Emissions", PROC. 6TH AUST. AL SMELTING WORKSHOP, 1998, XP002436026

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK RS

DOCDB simple family (publication)  
**EP 1936011 A1 20080625**

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