

Title (en)
Apparatus for generation of oxygen

Title (de)
Gerät zur Erzeugung von Sauerstoff

Title (fr)
Dispositif de génération d'oxygène

Publication
EP 0867201 A3 20001018 (DE)

Application
EP 98102376 A 19980211

Priority
DE 19712276 A 19970324

Abstract (en)
[origin: EP0867201A2] An oxygen generator has a reaction vessel (2), which can be filled with water (13), an O₂ generating agent (4) and optionally a catalyst (20), a tightly-fitting cover (3) with an O₂ outlet (12) and a bubble detection chamber (16) between the vessel and cover. The novel features are that: (i) the bubble detection chamber is a dish (21') which is (or can be) filled with water; (ii) a device (11, 26, 27, 35) which is permeable to O₂ from the reaction vessel but not to water from the dish is placed between the dish and the reaction vessel; and (iii) the cover is transparent, at least over the bubble detection chamber.

IPC 1-7
A62B 21/00

IPC 8 full level
A62B 21/00 (2006.01)

CPC (source: EP)
A62B 21/00 (2013.01)

Citation (search report)

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- [A] PATENT ABSTRACTS OF JAPAN vol. 11, no. 202 (C - 432) 30 June 1987 (1987-06-30)
- [A] PATENT ABSTRACTS OF JAPAN vol. 11, no. 69 (C - 407) 3 March 1987 (1987-03-03)

Cited by
US10696550B2; US10479682B2

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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