

Title (en)  
OXYGEN BREATHING DEVICE WITH INTEGRATED FLEXIBLE BUFFER

Title (de)  
SAUERSTOFFATEMVERRICHTUNG MIT INTEGRIERTEM FLEXIBLEM PUFFER

Title (fr)  
DISPOSITIF RESPIRATOIRE À OXYGÈNE AVEC TAMPON FLEXIBLE INTÉGRÉ

Publication  
**EP 2446930 A1 20120502 (EN)**

Application  
**EP 10188937 A 20101026**

Priority  
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Abstract (en)  
The invention relates to an oxygen breathing device, comprising a casing, said casing accommodating in a non-activated condition an oxygen source, in particular a chemical oxygen generator or an oxygen pressure tank, a starter device for initiating a flow of oxygen out of said oxygen source, a buffer connected to said oxygen source, said buffer being adapted to temporarily store oxygen produced in said oxygen source, at least one oxygen mask connected via an oxygen supply line to said buffer wherein a flexible buffer is provided in the oxygen breathing device and connected to the oxygen source.

IPC 8 full level  
**A62B 7/14** (2006.01)

CPC (source: EP)  
**A62B 7/14** (2013.01)

Citation (applicant)

- US 5265597 A 19931130 - WALLIS DAVID E [US]
- WO 2006086044 A2 20060817 - BE INTELLECTUAL PTY INC [US]
- EP 2127700 A1 20091202 - INTERTECHNIQUE SA [FR]
- EP 2127699 A1 20091202 - INTERTECHNIQUE SA [FR]
- US 3981300 A 19760921 - WILLIAMS IRVING

Citation (search report)

- [X] WO 2006088581 A1 20060824 - AVOX SYSTEMS INC [US], et al
- [A] US 3073301 A 19630115 - HAY WAYNE W, et al
- [A] US 5162006 A 19921110 - YANDLE II SYLVESTER E [US]
- [A] US 5318250 A 19940607 - WERJEFELT BERTIL [US]

Cited by  
CN109771857A; CN103343883A; US11338158B2; US10500423B2; DE102013206181A1; EP2679279A3; DE102013206181B4; EP2679284A3; WO2022048887A3

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