

Title (en)
System and method for reducing the oxygen in a target space

Title (de)
System und Verfahren zur Sauerstoffreduzierung in einem Zielraum

Title (fr)
Système et procédé de réduction d'oxygène dans un espace cible

Publication
EP 3011999 B1 20170816 (DE)

Application
EP 14190250 A 20141024

Priority
EP 14190250 A 20141024

Abstract (en)
[origin: CA2909951A1] A system for reducing oxygen in a target room (2), particularly for the purpose of controlling or preventing fire, wherein the system comprises an enclosed buffer space (1) which is fluidly connectable or connected to the target room (2) for the asneeded introduction of at least a portion of the room air of the buffer space (1) into the target room (2). The system moreover comprises an oxygen-reducing mechanism (5) allocated to the buffer space (1) for setting and maintaining a reduced oxygen content in the spatial atmosphere of the buffer space (1) compared to the normal earth atmosphere such that the oxygen content in the spatial atmosphere of the buffer space (1) is lower than the oxygen content in the spatial atmosphere of the target room (2). The system moreover comprises a mechanism (3) for introducing room air from the buffer space (1) into the target room (2) as needed.

IPC 8 full level
A62C 99/00 (2010.01)

CPC (source: EP RU US)
A62C 2/04 (2013.01 - US); **A62C 3/00** (2013.01 - RU); **A62C 99/0018** (2013.01 - EP US); **A62C 99/00** (2013.01 - RU)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 3011999 A1 20160427; EP 3011999 B1 20170816; AU 2015334997 A1 20170413; AU 2015334997 B2 20190815; BR 112017007385 A2 20180116; BR 112017007385 B1 20210803; CA 2909951 A1 20160424; CA 2909951 C 20220802; CN 107148300 A 20170908; CN 107148300 B 20201027; ES 2646193 T3 20171212; MX 2017003428 A 20170619; NO 3011999 T3 20180113; PL 3011999 T3 20180131; PT 3011999 T 20171023; RU 2015145290 A 20170425; RU 2632447 C2 20171004; SG 11201702000X A 20170427; US 2016114200 A1 20160428; US 9861842 B2 20180109; WO 2016062690 A1 20160428

DOCDB simple family (application)
EP 14190250 A 20141024; AU 2015334997 A 20151020; BR 112017007385 A 20151020; CA 2909951 A 20151020; CN 201580057484 A 20151020; EP 2015074216 W 20151020; ES 14190250 T 20141024; MX 2017003428 A 20151020; NO 14190250 A 20141024; PL 14190250 T 20141024; PT 14190250 T 20141024; RU 2015145290 A 20151021; SG 11201702000X A 20151020; US 201514918123 A 20151020