

Title (en)
HEARTH-FIRE SIMULATING APPARATUS

Title (de)
KAMINFEUERSIMULATIONSVORRICHTUNG

Title (fr)
APPAREIL DE SIMULATION DE FEU DE CHEMINÉE

Publication
EP 3267112 A3 20180509 (EN)

Application
EP 17176218 A 20170615

Priority
NL 2016970 A 20160615

Abstract (en)
[origin: EP3267112A2] A hearth-fire simulating apparatus having a fire-bed simulation cover covering an internal space in its housing and having at least one open passage in the cover. In the housing a container bounding a nebulizing chamber for holding a liquid, an ultrasonic transducer having a transducing surface positioned in the container for generating mist above liquid in the container and a mist distributor bounding an elongated mist distributing chamber for distributing mist in longitudinal direction of the mist distributing chamber are arranged. The mist distributing chamber communicates with the nebulizing chamber via a mist passage above the container. An inlet of means for causing a flow of air through the mist-distributing chamber is located above the mist passage.

IPC 8 full level
F24C 7/00 (2006.01); **B05B 7/00** (2006.01); **B05B 17/06** (2006.01)

CPC (source: EP)
B05B 7/0012 (2013.01); **B05B 17/0615** (2013.01); **F24C 7/004** (2013.01)

Citation (search report)

- [Y] WO 2007104532 A2 20070920 - BASIC HOLDINGS [IE], et al
- [Y] WO 2012120219 A1 20120913 - PEUGEOT CITROEN AUTOMOBILES SA [FR], et al
- [Y] US 6244576 B1 20010612 - TSAI KUO LUNG [TW]
- [Y] US 2009174088 A1 20090709 - WEGNER GUIDO [DE], et al
- [Y] JP S53140853 A 19781208 - MATSUSHITA ELECTRIC IND CO LTD
- [Y] WO 2009114782 A2 20090917 - VORNADO AIR LLC [US], et al
- [A] US 2008290189 A1 20081127 - LEVI ZVI [IL]
- [XAY] US 2014355970 A1 20141204 - ZHAO XINJUN [CN]
- [Y] WO 2009034020 A2 20090319 - BASIC HOLDINGS [IE], et al

Cited by
NL2033026B1; EP3730840A1; EP3745029A1; EP3569931A1; US10941912B2; US11898710B2; WO2024107072A1; EP3569931B1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3267112 A2 20180110; EP 3267112 A3 20180509; NL 2016970 B1 20171221

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