

Title (en)
HIGH RISE BUILDING WITH A STAIR WELL AND A INTAKE AIR SHAFT

Title (de)
HOCHHAUS MIT EINEM TREPPENRAUM UND EINEM ZULUFTSCHACHT

Title (fr)
IMMEUBLE AVEC UNE CAGE D'ESCALIER ET UN Puits D'AÉRATION

Publication
EP 2337912 A1 20110629 (DE)

Application
EP 09736194 A 20091008

Priority
• EP 2009063129 W 20091008
• DE 102008050438 A 20081008

Abstract (en)
[origin: WO2010040814A1] The invention relates to a high rise building with a stair well (38), an intake air shaft (74), inlet flow openings (76) that connect the intake air shaft to the stair well and a pressure system for keeping the stair well smoke-free. The stair well is subdivided vertically into a plurality of partial spaces by way of at least one bulkhead (58), and each bulkhead has a door that enables passage from a partial space of the stair well to the adjacent partial space.

IPC 8 full level
B08B 15/00 (2006.01); **A62C 3/00** (2006.01); **E04H 1/04** (2006.01); **F24F 7/00** (2006.01)

CPC (source: EP KR US)
A62B 15/00 (2013.01 - KR); **B08B 15/00** (2013.01 - EP KR US); **E04H 1/04** (2013.01 - EP KR US); **F24F 11/0001** (2013.01 - EP KR US); **F24F 11/33** (2017.12 - KR); **F24F 11/33** (2017.12 - EP US); **F24F 2011/0004** (2013.01 - EP KR US); **F24F 2221/50** (2013.01 - EP KR US)

Citation (search report)
See references of WO 2010040814A1

Cited by
CN114984486A; WO2016034415A1; WO2022090307A1

Designated contracting state (EPC)
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 SE SI SK SM TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
WO 2010040814 A1 20100415; AU 2009301094 A1 20100415; AU 2009301094 B2 20150827; BR PI0914057 A2 20151103; CA 2739363 A1 20100415; CN 102177301 A 20110907; CN 102177301 B 20130911; EP 2337912 A1 20110629; EP 2337912 B1 20130123; ES 2403631 T3 20130520; JP 2012504994 A 20120301; JP 5447529 B2 20140319; KR 101259311 B1 20130506; KR 20110065555 A 20110615; NZ 592144 A 20130125; PL 2337912 T3 20130628; US 2011179732 A1 20110728; US 9187918 B2 20151117

DOCDB simple family (application)
EP 2009063129 W 20091008; AU 2009301094 A 20091008; BR PI0914057 A 20091008; CA 2739363 A 20091008; CN 200980140355 A 20091008; EP 09736194 A 20091008; ES 09736194 T 20091008; JP 2011530491 A 20091008; KR 20117010120 A 20091008; NZ 59214409 A 20091008; PL 09736194 T 20091008; US 201113083374 A 20110408