

Title (en)  
LOW-CONSUMPTIONAL POSITIVE-ENERGY BUILDING AND METHOD FOR REGULATING THE TEMPERATURE AND RELATIVE HUMIDITY IN THIS BUILDING

Title (de)  
POSITIVENERGIEGEBÄUDE MIT GERINGEM VERBRAUCH UND VERFAHREN ZUR REGULIERUNG DER TEMPERATUR UND DER RELATIVEN FEUCHTIGKEIT IN DIESEM GEBÄUDE

Title (fr)  
BÂTIMENT BASSE CONSOMMATION OU À ÉNERGIE POSITIVE ET PROCÉDÉ DE RÉGULATION DE LA TEMPÉRATURE ET DE L'HUMIDITÉ RELATIVE DANS CE BÂTIMENT

Publication  
**EP 3221645 A1 20170927 (FR)**

Application  
**EP 15817940 A 20151118**

Priority

- FR 1461159 A 20141118
- FR 1550213 A 20150112
- FR 1553532 A 20150420
- FR 2015053115 W 20151118

Abstract (en)  
[origin: WO2016079424A1] Method for regulating the temperature and relative humidity of the air in a building, consisting in: - heating or cooling the interior of the building by thermal radiation from the ceilings (30) of at least certain rooms of the building, these ceilings each comprising a closed air-filled space (34, 42) extending over substantially the entire surface area of the ceiling or of the wall and separated from the corresponding room by a panel (36, 44) capable of transmitting thermal radiation, means (38) of heating or cooling the air in this space and means (40) of circulating the air in a closed circuit in this space, - extracting the stale air from at least some rooms and passing it into spaces (24) delimited between thicknesses of thermally insulating material (18) with which the ceilings and/or the floors (32) and/or at least one north-facing wall (16) of the building is/are equipped in order to reduce thermal flux across these ceilings, floors and walls, and then discharging the stale air to outside the building.

IPC 8 full level  
**F24D 5/00** (2006.01); **F24D 5/10** (2006.01); **F24D 11/00** (2006.01); **F24F 5/00** (2006.01); **F24F 7/00** (2006.01); **F24F 7/06** (2006.01)

CPC (source: EP US)  
**F24D 5/005** (2013.01 - EP); **F24D 5/10** (2013.01 - EP US); **F24D 11/007** (2013.01 - EP); **F24F 5/0089** (2013.01 - EP); **F24F 5/0092** (2013.01 - EP); **F24F 5/0096** (2013.01 - EP); **F24F 7/06** (2013.01 - EP); **F24F 2005/0064** (2013.01 - EP); **F24F 2005/0082** (2013.01 - EP); **F24F 2007/001** (2013.01 - EP US); **Y02A 30/272** (2017.12 - EP); **Y02B 10/20** (2013.01 - EP)

Citation (search report)  
See references of WO 2016079424A1

Designated contracting state (EPC)  
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**FR 3028598 A1 20160520**; EP 3221645 A1 20170927; FR 3028599 A3 20160520; WO 2016079424 A1 20160526

DOCDB simple family (application)  
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