

Title (en)
Building engineering module

Title (de)
Technisches Gebäudemodul

Title (fr)
Module de construction

Publication
EP 2722463 A1 20140423 (EN)

Application
EP 13180380 A 20130814

Priority
FI 20125844 A 20120814

Abstract (en)
Building engineering module (1), which can be fitted onto the outside wall (2) of buildings comprising a number of storeys, such as e.g. of residential buildings, industrial buildings or commercial buildings, and which building engineering module (1) comprises piping/cables for ventilation and sewerage and water supply/electricity supply and heating/cooling and/or data transfer, and which building engineering module (1) can be connected to connecting piping/connecting cabling (8) in a trench (6) in the bottom part, or in connection with the bottom part, of the building and/or on the basement floor of the and/or in utility rooms. The building engineering module is arranged to manage the apartment-specific or space-specific ventilation of the building, and the building engineering module (1) comprises one or more heat pumps configured for each of the different storeys of the building for utilizing the thermal energy in the exhaust air of the building or for cooling the supply air. In addition, the building engineering module (1) is of the box-structure type when installed on the wall of a building.

IPC 8 full level
E04F 17/08 (2006.01)

CPC (source: EP FI)
E04F 17/08 (2013.01 - EP FI)

Citation (applicant)
JP H0842123 A 19960213 - YAMASHITA YOSHIHITO

Citation (search report)
• [X1] WO 2012076858 A1 20120614 - HONEYWELL TECHNOLOGIES SARL [CH], et al
• [X1] FR 2936828 A1 20100409 - MAISON EAU & SOLEIL [FR]
• [X1] US 3742666 A 19730703 - ANTONIOU A

Cited by
JP2015158075A; WO2020153862A1; WO2022200198A1

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)
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DOCDB simple family (application)
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