

Title (en)
Masonry made of porous concrete

Title (de)
Mauerstein aus Porenbeton

Title (fr)
Pierre taillée en béton poreux

Publication
EP 2208833 A2 20100721 (DE)

Application
EP 10150421 A 20100111

Priority
DE 202009000561 U 20090117

Abstract (en)
The brick has an inner supporting zone (10), a heat insulation zone (11) and an outer weathering zone (12), which are partitioned in a heat transfer direction (9). The heat insulation zone is attached to the supporting zone, is provided with rows of insulation holes (13) running transverse to the heat transfer direction and is provided with a diameter that is less than 1 centimeter. The holes are arranged vertically. The inner supporting zone takes 50 percentages of a thickness (d) of the building brick, where the building brick is made of porous concrete.

Abstract (de)
Ein Mauerstein aus Porenbeton weist eine Zonenaufteilung in Wärmedurchgangsrichtung auf mit - einer inneren Tragzone (10), - einer sich daran anschließenden Wärmedämmzone (11), in der der Mauerstein mit mehreren quer zur Wärmedurchgangsrichtung (9) verlaufenden Reihen vertikaler Dämmbohrungen (13) mit einem Durchmesser von unter 1 cm versehen ist, und - einer äußeren Bewitterungszone (12).

IPC 8 full level
E04B 2/16 (2006.01)

CPC (source: EP)
E04B 2/16 (2013.01); **E04B 2002/0208** (2013.01); **E04B 2002/0228** (2013.01)

Cited by
CN104343210A; CN105421645A

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)
DE 202009000561 U1 20090423; EP 2208833 A2 20100721; EP 2208833 A3 20131204; EP 2208833 B1 20140903

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