

Title (en)
Highly insulating brick for masonry.

Title (de)
Hochisolierender Ziegel für Mauerwerk.

Title (fr)
Brique hautement calorifuge pour murage.

Publication
EP 0134874 A2 19850327 (EN)

Application
EP 83830185 A 19830926

Priority
IT 820483 A 19830704

Abstract (en)
The brick consists of one or more sub-blocks (1, 2, 3). Each sub-block is divided into air chambers (4-13) of contained width but extensive in length. The walls (14, 14 min ; 15, 15 min ; 16, 16 min) which divide each sub-block into chambers are shaped as alternatively concave and convex arcs of a circle. The chambers are connected by septa (17, 18, 19) of minimum length. The sub-blocks are connected by septa (20, 21, 22, 23) also of minimum length and never coincident with the periphery of the brick nor placed in correspondence with the inner cores of the successive sub-block, on a line with them. Thermal bridges between the inside and outside of a wall are thus almost completely eliminated, with a brick light in weight, very strong and low in cost.

IPC 1-7
E04C 1/08

IPC 8 full level
E04B 2/16 (2006.01)

CPC (source: EP)
E04B 2/16 (2013.01)

Cited by
GB2255117A; GB2255117B

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0134874 A2 19850327; EP 0134874 A3 19861217; EP 0134874 B1 19890712; AT E44571 T1 19890715; DE 3380180 D1 19890817; IT 1212946 B 19891207; IT 8308204 A0 19830704

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EP 83830185 A 19830926; AT 83830185 T 19830926; DE 3380180 T 19830926; IT 820483 A 19830704