

Title (en)
Wall member

Title (de)
Wandbauelement

Title (fr)
Élément de construction pour paroi

Publication
EP 0617179 B1 19970402 (DE)

Application
EP 94100684 A 19940119

Priority
DE 4309215 A 19930323

Abstract (en)
[origin: EP0617179A1] A wall element according to the invention is characterised by a system of posts (14) which are arranged symmetrically with respect to a longitudinal centre plane (7), widened cross-sectionally in the direction of the outer sides (5, 5') and between which there extend panels (8) - which are retained in a positively locking manner by the arrangement of the posts. The posts, which are made from concrete, are connected to one another via screw-connections and a gap (9) located between the panels (8), which are made from a foamed geopolymer material, is filled with an expanding polyurethane material. For the architectural design of the outer side of the wall element, but also for the further improvement of the heat insulation, the sides (12), of the posts (14), which are laid in the outer sides of the wall element may be covered by panels (18) which are arched or profiled in some other manner and, in turn, consist of a foamed geopolymer material. This thus results in a wall element which is, to the greatest extent, homogeneous in terms of materials, can be varied within wide limits in terms of design, is suitable for fulfilling numerous structural functions and can be used very flexibly on site or by the user. <IMAGE>

IPC 1-7
E04B 2/66

IPC 8 full level
E04B 2/66 (2006.01)

CPC (source: EP)
E04B 2/66 (2013.01)

Cited by
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