

Title (en)
BUILDING STRUCTURES MADE FROM GLUED BRICK LAMELLAE

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Application
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Priority
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Abstract (en)
[origin: EP0032519A2] The brick lamellae are formed from geometrically specially shaped brick units, the deformations of which during firing are corrected by grinding or by cutters and are then glued in lamellar form by means of constructional adhesives (e.g. epoxy mortar) and, if required, overloaded by means of a mounting or support fitting. If low conductivity is required of the construction, a sandwich is constructed by the combination of two brick lamellae and by thermally insulating binding material (e.g. polyurethane foam, perlite gypsum). Based on this principle of glued brick lamellae, various structural designs can be carried out: a) facade curtains for suspended facades b) facade walls c) structural interior walls d) partition walls e) ceiling structures f) roof structures g) bases h) cladding of concrete elements This technology permits rapid construction, the elimination of bricklaying work and mortaring and optimisation of the physical properties of the brick structure. The patent claim relates to the shape of the brick units, to the method of cutting (or grinding) and to the gluing by means of the construction adhesives. <IMAGE>

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E04C 2/04

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CPC (source: EP)
E04B 2/06 (2013.01); **E04C 2/041** (2013.01)

Citation (search report)
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