

Title (en)

Forms for rooms as a whole, for making constructions with at least one level.

Title (de)

Raumschalung zum Erstellen eines zumindest eingeschossigen Gebäudes.

Title (fr)

Coffrage tri-dimensionnel pour la réalisation de bâtiments avec au moins un étage.

Publication

**EP 0479263 B1 19950118 (DE)**

Application

**EP 91116805 A 19911001**

Priority

DE 4031406 A 19901004

Abstract (en)

[origin: EP0479263A1] In order, in a construction, especially a dwelling or holiday house, to be able to cast the walls and the intermediate floor situated above in one step from concrete without having to attach a separate ceiling form after erection of the walls, it is proposed to use for each room of the construction a room form consisting of a plurality of assembled form elements (4) which bound the room and of an inflatable balloon envelope (5) which is arranged in this room. After inflating the balloon envelope, the latter completely fills the room surrounded by the form elements (4) and covers it in the manner of a dome. If a formwork erected in this way is filled with concrete, the wall surfaces of the rooms are defined by the form elements (4), whereas the ceiling surface is formed by the dome-like balloon envelope. The external form elements (1) are for this purpose at least as high as the storey height plus the thickness of the intermediate floor. <IMAGE>

IPC 1-7

**E04G 11/04**

IPC 8 full level

**E04G 11/04** (2006.01)

CPC (source: EP)

**E04G 11/04** (2013.01); **E04G 11/045** (2013.01)

Cited by

EP1375756A1; ITCR20090026A1; EP3155189A4; EP1116829A3; GB2473017A; GB2473017B; WO2011024008A3; WO0079138A1

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