

Title (en)
CONSTRUCTION OF BUILDINGS

Title (de)
BAU VON GEBÄUDEN

Title (fr)
CONSTRUCTION DE BATIMENTS

Publication
EP 1971727 A1 20080924 (EN)

Application
EP 06821548 A 20061213

Priority

- IE 2006000139 W 20061213
- IE 20060016 A 20060112
- IE 20060126 A 20060221

Abstract (en)
[origin: WO2007080561A1] A building is constructed in a method (1) by constructing in a factory a number of pods, transporting them to the site, placing them one atop the other and side-by-side to provide the rooms, and then erecting external cladding and a roof. The pods are complete, with no need for internal work to be performed. Moreover, they provide the building structure, and so there is no need for any structural work to be done on site other than providing a ground-level floor and a stair or elevator cores. Vertical load is transferred down through load-bearing structural walls (32), primarily through box- section steel vertical studs (61), and also through structural ceiling trusses (33) and structural floors (31). The extent of work done on site is considerably reduced in comparison with conventional construction methods, giving better quality, much reduced construction time, less waste, less disruption to nearby premises or roads or footpaths.

IPC 8 full level
E04B 1/348 (2006.01)

CPC (source: EP)
E04B 1/3483 (2013.01)

Citation (search report)
See references of WO 2007080561A1

Cited by
WO2019219286A1; US11225789B2; EP4209639A1

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