

Title (en)

A MULTI-STOREY APARTMENT BUILDING AND METHOD OF CONSTRUCTING SUCH BUILDING

Title (de)

MEHRSTÖCKIGES WOHNGEBÄUDE UND BAUVERFAHREN FÜR EIN SOLCHES GEBÄUDE

Title (fr)

IMMEUBLE D'APPARTEMENTS A PLUSIEURS ETAGES ET PROCEDE DE CONSTRUCTION D'UN TEL IMMEUBLE

Publication

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Application

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Abstract (en)

[origin: GB2476708A] A multi-storey apartment building includes a plurality of apartments. Each apartment includes a framework comprising at least two opposed wall structures, a ceiling structure²⁰ and a floor structure¹⁸. Each said structure comprises an inner covering layer, an outer covering layer and an enclosed void between the inner and outer covering layers that extends substantially continuously through the floor structure, the ceiling structure and the opposed wall structures. An insulating material fills the void and forms an insulating layer that extends substantially continuously through the floor structure, the ceiling structure and the opposed wall structures of each apartment. The apartments are stacked vertically in the multi-storey apartment building. The framework may be formed by trusses each comprising a pair of parallel beams and cross members connecting the beams. Reinforcement members^{48,50} may extend between the apartments and may extend through the void and be encased by insulation material.

IPC 8 full level

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CPC (source: EP GB)

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Citation (search report)

See references of WO 2012072971A1

Cited by

US11466445B2; EP3907339A1

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