

Title (en)
MULTI-STOREY BUILDING MADE OF PRECAST CONCRETE PARTS

Title (de)
MEHRGESCHOSSIGES WOHNGEBÄUDE AUS BETONFERTIGTEILEN

Title (fr)
BATIMENTS A PLUSIEURS ETAGES EN PIECES PREFABRIQUEES EN BETON

Publication
EP 0752035 B1 20001213 (DE)

Application
EP 95928877 A 19950327

Priority
• DE 4410773 A 19940328
• EP 9501130 W 19950327

Abstract (en)
[origin: WO9526447A1] A multi-storey building made of precast concrete parts has superimposed box-type elements (1) open on one longitudinal side which determine the height and at least the depth of a flat and which are provided at their narrow sides with projections (6). At two opposite sides of the building are provided stiffened, statically stable stacked structures made of a plurality of stacked elements (4) arranged next to and above each other and offset in the vertical direction whose height determines the height of the storey. The adjacent stacked elements (4) of each storey are mutually separated by a lateral gap substantially bridged by a stacked element (4) of the overlying and/or underlying storey, creating an empty space between the stacked elements (4). The box-type elements (1) are supported by their projections (6) on elastic-soft supporting intermediate layers (7) that rest on an associated stacked element (4) of the stacked-element structure. The box-type elements (1) that form adjacent flats are supported on the stacked elements (4) so that their narrow sides are contiguous to the inner side of the stacked elements (4) and their longitudinal walls are adjacent to the longitudinal walls of the stacked elements (4).

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E04B 1/348

IPC 8 full level
E04B 1/348 (2006.01)

CPC (source: EP)
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