

Title (en)
LIGHTWEIGHT STEEL CONSTRUCTION

Title (de)
LEICHTBAUSTAHLKONSTRUKTION

Title (fr)
CONSTRUCTION EN ACIER LÉGER

Publication
EP 3361018 B1 20191016 (EN)

Application
EP 17155944 A 20170214

Priority
EP 17155944 A 20170214

Abstract (en)
[origin: EP3361018A1] A lightweight steel construction includes a plurality of beams (2) and rafters (3). Each of the beams (2) includes two opposite C-shaped steels (4). Two ends of the two C-shaped steels (4) are respectively positioned by two first positioning members (5) in a length direction of the C-shaped steels (4). Several beams (2) can be assembled with each other via the first positioning members (5) to be formed as a crossbeam (11) and a column (12) of a building. Each of the rafters (3) includes a C-shaped steel (4). Two ends of the C-shaped steel (4) are respectively positioned by two second positioning members (7) in the length direction of the C-shaped steel (4). Several rafters (3) can be positioned between adjacent beams (2) via the second positioned members (7) to be formed as a floor surface (13), a wall surface (14), and a roof (15) of the supporting frame of the building.

IPC 8 full level
E04B 1/24 (2006.01); **E04C 3/04** (2006.01); **E04C 3/07** (2006.01); **E04C 3/32** (2006.01)

CPC (source: EP)
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Cited by
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