

CLAIMS

1. A load-transferring connecting element (1) for establishing a connection between a first building element and a second building element and which is adapted for transfer of force between these two building elements, the load-transferring
5 connecting element (1) comprising an elongated box-shaped main body (24), where a first end portion (3) of the load-transferring connecting element (1) is arranged for attachment into the first building element with a remaining second end portion (4) of the load-transferring connecting element (1) positioned so that it projects from the first building element, and where this second end portion (4) is adapted for
10 being received in a cavity (13) arranged in the second building element, characterized in that the second end portion (4) of the load-transferring connecting element (1) is provided with an attachment area (5) for attaching lifting equipment (8) for handling of the first building element.
2. Load transfer connecting element according to claim 1,
15 characterized in that the second end portion (4) of the load-transferring connecting element (1) is arranged with an adjusting device (1) adapted for adjusting the relative height between the first building element and the second building element when receiving the load-transferring connecting element (1) in the cavity of the second building element (13).
3. Load-transfer connecting element according to one of the preceding claims,
20 characterized in that the attachment area (5) comprises an attachment hole for attachment means (6) which are connected to the lifting equipment.
4. Load transfer connecting element according to one of the preceding claims 2-3,
25 characterized in that the adjusting device comprises a screw device (18) which is adjustably arranged in a screw hole arranged in the load-transferring connecting element (1).
5. Load-transfer connecting element according to one of the preceding claims,
30 characterized in that the first end portion (3) is provided with a reinforcement arrangement to ensure transfer of forces between the load transferring element (1) and the first building element.
6. A load transfer connecting element according to claim 5,
characterized in that the reinforcement arrangement comprises at least one of the following reinforcement elements:
-a plate structure (26) comprising two main surfaces (35) and a plurality of side
35 surfaces (36), the plate structure being fixed with one of its main surfaces (35) to the main body (24) so that the end opening of the first end portion (3) is covered and the main surfaces (35) protrudes perpendicularly from the main body (24),
-a transverse element (27) attached to the first end portion (3) of the load transferring connecting element (1) and having an orientation where the

longitudinal axis of the transverse element (27) is positioned transversely to the longitudinal axis of the load transferring connecting element (1).

7. A building system comprising the first building element and the second building element and at least one load-transferring connecting element (1), according to claim 1-6,

5 c h a r a c t e r i z e d i n t h a t the first building element comprises a stair unit (2) and the second building element comprises a stair landing (9, 10) where the at least one load-transferring element (1) projects from a side surface (11, 12) of the stair unit (2) and into the cavity (13) arranged in a side surface of the stair landing
10 (9,10).

8. Building system according to claim 7,
c h a r a c t e r i z e d i n t h a t the building system comprises lifting equipment comprising a plurality of elongated lifting bodies (8), where each elongated lifting
15 body comprises attachment means (6) for attachment to an attachment area (5) provided on the projecting second end portion (4) of the load transferring element (1).

9. Building system according to claim 7 or 8,
c h a r a c t e r i z e d i n t h a t at least two load-transferring connecting elements
20 (1) are mounted projecting from a side surface at the lower step of the stair unit and at least two load-transferring connecting element (1) are mounted projecting from a side surface at the upper stair step of the stair unit.

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