Patent Claims

1. Frame, in particular a wall frame, which is intended for a preferably supporting, in preference self-supporting, basic framework of a module for modular construction and comprises two post profiles (2) which can be, or are, arranged essentially vertically and of which the upper ends can be, or are, connected to one another via a ceiling profile (3) and the lower ends can be, or are, connected to one another via a floor profile (4), characterized,
in that the post profile (2), the ceiling profile (3) and the floor profile (4) each have differently configured cross-sectional profiles, wherein the post profile (2) has at least one slot guide (26) which extends at least over a portion of the longitudinal direction of the post profile (2) and into which at least one connecting element (5) for the connection of a ceiling profile (3) and/or a floor profile (4) is inserted and retained.

2. Frame according to claim 1, wherein each of the cross-sectional profiles is designed essentially, or in certain regions, in the form of a hollow profile and/or wherein each of the cross-sectional profiles has been formed essentially by virtue of a metal sheet being subjected to a forming operation.

3. Frame according to claim 1 or 2, wherein the post profile (2) has at least one slot guide (26) which extends at least over a portion of the longitudinal direction of the post profile (2) and into which at least one connecting element (5) for the connection of a ceiling profile (3) and/or a floor profile (4) is inserted and retained.

34. Frame according to claim 1 or 23, wherein the cross-sectional profile of the post profile (2), at least in one cross-section plane, has essentially the contour of a rectangle, preferably essentially of a square, with concavities present in two of its adjacent side-surface contours forming the cross section of a respective slot guide (26).

45. Frame according to one of the preceding claims 3 or 4, wherein the cross section of the slot guide (26) is of dovetail shape and wherein the slot guide (26) is prepared in order for the connecting element (5) to be fastened in a form-fitting manner, in particular hooked in.

56. Frame according to one of the preceding claims 3 to 5, wherein the, preferably each, connecting element (5) is designed essentially in the form of a connecting plate which is arranged essentially vertically.

67. Frame according to one of the preceding claims, wherein the ceiling profile (3) and the floor profile (4) each have essentially a double-T-shaped cross-sectional profile comprising, of which the a- crosspiece (12, 19) which is provided for essentially vertical arrangement, wherein the transverse extremities which are present at the top and bottom of the crosspiece (12, 19), for the purpose of forming the double-T shape, are designed in the form of a thickened head portion (10, 17) and/or a thickened foot portion (11, 18), and the thickened foot portion (11, 18) in the cross-sectional profile of the floor profile (4) has preferably a greater vertical extent than the vertical extent of the thickened foot of the ceiling profile (3).

78. Frame according to claim 67, wherein the height of the crosspiece (12, 19) and/or the distance between the outer surface of the thickened head portion (10, 17) and the outer surface of the thickened foot portion (11, 18) is available as a space for a preferably insulated drywall construction (6, 8, 14, 15, 16, 21, 22, 23, 24) having at least one layer of panelling, or part thereof, on at least one side.

89. Frame according to claim 78, wherein a free space which is bounded by the thickened head portion (10, 17), the thickened foot portion (11, 18) and the crosspiece (12, 19), and is essentially U-shaped in cross-sectional profile, is provided in the form of a mount (13, 20) in order for at least one drywall-construction profile (6, 8) to be inserted in a form-fitting manner approximately orthogonally in relation to the crosspiece (12, 19).

910. Basic framework of a module for modular construction, characterized in that the framework comprises two frames (1) according to one or more of the preceding claims, wherein the respective post profiles (2) are designed in the form of corner profiles, wherein the two frames (1) are arranged parallel to one another, and wherein the corner profiles of a first frame are connected to the corner profiles of a second frame via a ceiling profiles (3) and floor profiles (4), respectively.

1011. Basic framework according to claim 109, wherein at least two basic frameworks, constituting building blocks, can be connected to one another one above the other, one beside the other and/or one behind the other in order to realise a basic framework for a building having at least two rooms and/or having at least one large room made of more than one basic framework.

1112. Module for modular construction, characterized by at least one frame (1) according to one or more of claims 1 to 89 and/or by at least one basic framework according to

claim ~~10~~9 or ~~11~~10, comprising at least one drywall construction (6, 8, 14, 15, 16, 21, 22, 23, 24) for closing and/or for filling at least one of the surfaces defined by the ~~a~~ frame (1) and/or basic framework.

12~~13~~. Module according to claim ~~12~~11, comprising at least one drywall-construction profile (6, 8) of a drywall construction (6, 8, 14, 15, 16, 21, 22, 23, 24) for closing and/or for filling at least one of the surfaces defined by the ~~a~~ frame (1) and/or basic framework, wherein the at least one drywall-construction profile (6, 8) has its respective ends inserted, and mounted, in a form-fitting manner, essentially orthogonally in relation to two mutually opposite, essentially parallel ceiling profiles (3) or floor profiles (4), in mounts (13, 20) which are approximately U-shaped in cross-sectional profile and belong to said ceiling profiles (3) or floor profiles (4).

13~~14~~. Profile, in particular a supporting profile which can be subjected to loading, preferably for a basic framework of a module for modular construction, characterized in that it is designed in the form of a post profile (2) which can be arranged approximately vertically, wherein the post profile (2) has at least one slot guide (26) which extends at least over a portion of the longitudinal direction of the post profile (2), wherein the slot guide (26) is prepared such that a ~~and into which at least one~~ connecting element (5) for the connection of a ceiling profile (3) and/or floor profile (4) can be hooked in. ~~inserted and retained.~~

14~~15~~. Profile (3,4), in particular supporting profile, which can be subjected to loading, preferably for a basic framework of a module for modular construction, wherein the profile (3,4) is designed in the form of a profile (3,4) which can be arranged approximately horizontally for connecting two post profiles (2) to one another, wherein the profile (3, 4) has essentially a double-T-shaped cross-sectional profile comprising a ~~, the~~ crosspiece (12, 19) ~~of~~ which is provided for approximately vertical arrangement, wherein the transverse extremities which are present at the top and bottom of the crosspiece (12, 19), for the purpose of forming the double-T-shape, are designed in the form of a thickened head portion (10, 17) and/or a thickened foot portion (11, 18).

~~16~~15. Set of structural elements which is intended for a preferably supporting, in preference self-supporting, basic framework of a module for modular construction and comprises two post profiles (2) which can be, or are, arranged essentially vertically and of which the upper ends can be, or are, connected to one another via a ceiling profile (3) and the lower ends can be, or are, connected to one another via a floor profile (4), characterized by at least one of the ~~profile (2, 3, 4).~~post profiles (2) having at least one slot guide (26) which extends at least over a portion of the longitudinal direction of the

post profile (2) and into which at least one connecting element (5) for the connection of a ceiling profile (3) and/or a floor profile (4) can be inserted and retained.