C L A I M S

1.- A construction system (1) for wall cladding, comprising a series of uprights (2) and a series of cross-members (3) intended to be supported between two uprights that are not aligned vertically, characterized in that

- the cross-members (3) are made of one piece, are elongated and have two opposing terminals (33) filiform or shaped to generate elastic force, made of an elastically deformable material and with at least two bends, and
- the uprights (2) are equipped with anchor means (22) in which the terminals (33) of the cross-members can be secured by restoring force, said anchor means, for this purpose, comprising, for each terminal (33), at least a first and a second entry parts (A, B), in the form of slots or openings, spatially arranged in relation to the at least two bends (a, b) of the terminal, each one of the at least two bends being able to be inserted simultaneously into one of these entry parts, first requiring that said terminal (33), said upright (2) or both the terminal and the upright, be elastically deformed so that said bends are pressed tightly against said entry parts through elastic reaction.

2.- The construction system (1) according to claim 1, characterized in that it comprises a series of cladding pieces (10) prepared to be suspended from one or more cross-members (3) at the same time.

3.- The construction system (1) according to any one of claims 1 to 2, characterized in that the anchor means (22) are formed in a sheet (22a), the first entry part (A) being formed by a slot (23) arranged in a first edge of the sheet, and the second entry part (B) formed by an opening (24) passing through said sheet, or by an auxiliary slot (25) arranged in the edge opposite the first edge of the sheet.

4.- The construction system (1) according to claim 3, characterized in that at least one of the slots (23) and the auxiliary slot (25), if any, are not straight slots.

5.- The construction system (1) according to claims 3 or 4, characterized in that the terminal (33) is bent back onto itself, forming,

- a generally U-shaped frame with an interior branch (34), exterior branch

(35), and a connecting bridge (36); and

- an anchoring end (37), wherein the terminal tip (38) is located, at an angle with the exterior branch (35) of the frame,

the terminal (33) being able to be attached to the sheet (22a) by inserting the connecting bridge (36) into the slot (23), the interior and exterior branches holding the sheet (22a), one on each side thereof, and the terminal tip (38) being inserted at the same time into the opening (24), or if applicable, into the auxiliary slot (25).

6.- The construction system (1) according to claim 5, characterized in that the sheet (22a) is oriented perpendicular to the direction in which the cross-member (3) extends and the frame is also oriented perpendicular to the direction of extension of the cross-member.

7.- The construction system (1) according to any one of claims 5 to 6, characterized in that the second entry part (B) is an opening (24) passing through the sheet (22a), the exterior branch (35) of the frame is shorter than the interior branch (34); and in that the length of the anchoring end (37) is such that it passes through the sheet and can provide support for the interior branch (34) of the frame.

8.- The construction system (1) according to claim 5, characterized in that the second entry part (B) is the auxiliary slot (25), the sheet (22a) is provided with an adjustment window (26) and the interior branch (34) of the frame with a bend (34a) that engages into the adjustment window (26).

9.- The construction system (1) according to any of the claims 1 or 2, characterized in that the anchor means (22) comprise a sheet (22a), with the first and second entry parts (A, B) formed by two anchor through holes (27, 28).

10.- The construction system (1) according to claim 9, characterized in that the terminal (33) is bent back onto itself, forming at least two bends (39a, 39b) that correspond to said openings through the sheet, with the terminal able to be aligned on the sheet (22a) through the anchor through holes (27, 28).

11.- The construction system (1) according to claim 9, characterized in that

the anchor through holes (27, 28) are not coplanar.

12.- The construction system (1) according to claim 11, characterized in that the sheet (22a) is oriented perpendicular to the direction of extension of the cross-member (3) and comprises a tab (29) that extends in the direction of the cross-member on which one of the anchor through holes (27) is formed; and in that the terminal (33) is bent back onto itself in a first bend (a) that orients a first section (41) of the terminal for insertion into the anchor through hole (27); and a second bend (b) determining an anchoring end (37), wherein the terminal tip (38) is positioned, at an angle with the first section of the terminal, and is able to be inserted into the second anchor through hole (28).

13.- The construction system (1) according to claim 12, characterized in that the anchor through hole (27) extends to the edge of the sheet (22a), offering a lateral access (27a) for the insertion of the terminal (33).

14.- The construction system (1) according to anyone of claims 1 or 2, characterized in that the anchor means (22) comprise a sheet (22a), with the first and second entry parts (A, B) being formed by the opposing sides (30a, 30b) of a through slot (30) formed in said sheet; and in that the terminal (33) is bent back onto itself, determining a sort of spring with two branches, one interior first section (41) branch and one exterior branch (42), a connecting bridge (43), each branch having an anti-return bend (41a, 42a) oriented in the direction of the opposite branch, with each aimed at fitting by restoring force in one side (30a, 30b) of the through slot, requiring the compression of the spring, bringing the branches together and inserting the bridge into the through slot.