CLAIMS

1. Electrical outlet comprising:

- at least one socket module (1, 1'),

- at least one live line (2) suitable for being connected to a power supply via a live pole (L) and,

- at least one neutral line (3) suitable for being connected to said power supply via a neutral pole (N),

- at least one additional electronic module ~~such as~~ comprising a USB socket module (4) comprising at least one USB port (5),

said at least one socket module (1, 1') comprising at least a live electrical connector (6, 6') electrically connected to said live line (2) and a neutral electrical connector (7, 7') electrically connected to said neutral line (3), said live and neutral electrical connectors (6, 6', 7, 7') being suitable for being electrically connected to an electrical load ~~such as~~ comprising an electrical plug,

said additional electronic module being electrically connected in parallel to said socket module (1) between said live line (2) and said neutral line (3),

said electrical outlet ~~being characterized in that it~~ comprises at least one first switch (8) connected in series to said additional electronic module arranged so as to electrically connect or disconnect said additional electronic module and said socket module (1) from each other respectively when deactivating or activating said first switch (8)~~,~~.

~~2. Electrical outlet according to claim 1,~~ characterized in that said first switch (8) comprises at least a pair of contacts (9), being in contact in a close state (ON), and being separated in an open state (OFF), and an actuating mechanism (10) arranged so as to switch said pair of contacts (9) between said close state (ON) and said open state (OFF) and~~.~~

~~3. Electrical outlet according to claim 2, characterized~~ in that said pair of contacts (9) being normally open, so that said pair of contacts (9) are in said open state (OFF), when said actuating mechanism (10) is not actuated in a relaxed state to electrically disconnect additional electronic module and said socket module (1) from each other and so that said pair of contacts are in said closed state (ON), when said actuating mechanism (10) is actuated in an actuated state to electrically connect said USB socket module (4) and said socket module (1) from each other.

2~~4~~. Electrical outlet according ~~to any of claims 1 to 3~~to claim 1, characterized in that it comprises a mounting plate (11) comprising at least a first aperture (12) giving access to said live electrical connector (6), a second aperture (13) giving access to said neutral electrical connector (7) and preferably a third aperture (14) giving access to said USB port (5), and a fourth aperture (15) giving access to said actuating mechanism (10) of said first switch (8).

3~~5~~. Electrical outlet according to claim~~s~~ 2~~3 and 4~~, characterized in that it comprises a cover element (16) suitable for only covering said fourth aperture (15), said cover element (16) being arranged so as to actuate said actuating mechanism (10) in said actuated state, when said mounting plate (11) and said cover element (16) are assembled by first assembly means, and so as not to actuate said actuating mechanism (10) in said relaxed state, when said first assembly means are disassembled.

4~~6~~. Electrical outlet according to claim 2~~s 3 and 4~~, characterized in that it comprises a cover plate (18) suitable for covering said fourth aperture (15) and at least partially said mounting plate (11) and, said cover plate (18) being arranged so as to actuate said actuating mechanism (10) in said actuated state, when said mounting plate (11) and said cover plate (18) are assembled by second assembly means, and so as not to actuate said actuating mechanism (10) in said relaxed state, when said mounting plate (11) and said cover plate (18) are disassembled.

5~~7~~. Electrical outlet according to claim 4~~6~~, characterized in that said cover plate (18) comprises an internal face (20) arranged so as to actuate said actuating mechanism (10) in said actuated state, when said mounting plate (11) and said cover plate (18) are assembled.

6~~8~~. Electrical outlet according to claim 5~~7~~, characterized in that said internal face (20) comprises at least one protrusion (21) arranged so as to actuate said actuating mechanism (10) in said actuated state when said mounting plate (11) and said cover plate (18) are assembled.

7~~9~~. Electrical outlet according to claim 6~~8~~, characterized in that said at least one protrusion (21) is a rib.

8~~10~~. Electrical outlet according to any of claims 1 to 7~~9~~, characterized in that it comprises an earth line suitable for being connected to earth via an earth pole (E) and in that said at least one socket module (1, 1') comprises an earth electrical connector (22) electrically connected to said earth line (23).

9~~11~~. Electrical outlet according to any of claims 1 to 8~~10~~, characterized in that said electrical outlet is wall mounted.

10~~12~~. Electrical outlet according to any of claims 1 to 9~~11~~, characterized in that it comprises a second switch (19) between said live pole (L) and said socket module (1).

11~~13~~. Electrical outlet according to any of claims 1 to 10~~12~~, characterized in that said at least one additional electronic module comprises a USB socket module (4) comprising at least one USB port (5).

12~~14~~. Electrical outlet according to claim 11~~13~~, characterized in that said at least one additional electronic module comprises a USB socket module (4) comprising two USB ports (5).

13~~15~~. Electrical outlet according to any of claims 1 to 12~~14~~, characterized in that said at least one socket module (1, 1') consists in a first socket module (1) and a second socket module (1'),

said first socket module (1) comprising at least a first live electrical connector (6) electrically connected to said live line (2) and a second neutral electrical connector (7) electrically connected to said neutral line (3),

said second socket module (1') comprising at least a second live electrical connector (6') electrically connected to said live line (2) and a second neutral electrical connector (7') electrically connected to said neutral line (3),

said additional electronic module being electrically connected in parallel to said first socket module (1) between said live line (2) and said neutral line (3),

said additional electronic module being electrically connected in parallel to said first socket module (1) between said live line (2) and said neutral line (3),

said first switch (8) being connected in series to said additional electronic module arranged so as to electrically connect or disconnect said additional electronic module and said first socket module (1) from each other respectively when deactivating or activating said first switch (8).