Claims

1. A closing device for closing a housing opening (10), in particular an electrical door-drive housing, comprising:
a frame (18), which defines a frame opening (22) and is designed to be inserted into the housing opening to be closed and, in particular without additional aids, to be fastened to the housing, and
a cover (20), which is or can be detachably connected to the frame (18), by means of which the frame opening (22) can be closed in cooperation with the frame (18~~).~~),
characterized in that
the frame opening (22) can be closed by means of the cover (20) by means of a latching connection, wherein the cover (20) has a flexible latching means (32) to implement the latching connection between the cover (20) and the frame (18), which latching means (32) engages behind a projection (34) formed on the frame (18) and protruding into the frame opening (22) in the latched state of the cover (20), or wherein the flexible latching means is formed on the frame (18) and in the latched state of the cover (20) engages behind a projection formed on the cover (20),
wherein the latching means (32) has an engagement means (50) for a tool, by means of which, preferably exclusively, the latching connection between the cover (20) and the frame (18) can be detached.

2. The closing device according to claim 1,
characterised in that
the frame (18) can be clipped into the housing opening (10) to be closed by means of a clip connection.

3. The closing device according to claim 2,
characterised in that,
to bring about the clip connection, the frame (18) has an elastic projection (24) and a stop (26), which are designed to receive an edge (28) of the housing

opening (10) between them in a form-fitting and/or force-fitting manner at least in sections when the frame (18) is in the clipped-in state.

4. The closing device according to claim 3,
characterised in that
the projection (24) has an outer surface (30~~). –~~), which ensures that, when the frame (18) is clipped into the housing opening (10), the edge (28) of the housing opening (10) runs onto the outer surface (30).

5. The closing device according to at least one of the preceding claims,
characterised in that
the frame opening (22) is closed in a liquid-tight or gas-tight manner by the cover (20) in the closed state of the closing device.

6. The closing device according to at least one of the preceding claims,
characterised in that
the cover (20) defines a closure surface (64) by means of which the frame opening (22) can be closed in such a way that the closure surface (64) and the frame (18) are aligned flush with one another in the closed state.

7. The closing device according to at least one of the preceding claims,
characterised in that
the cover (20) has at least one guide element (56), which is designed to be guided by a counter-guide element (58) formed on the frame (18) when closing the frame opening (22).

8. The closing device according to at least one of the preceding claims,
characterised in that
the cover (20) has a collar (68), which is circumferential at least in sections and extends outwards and which is supported on the frame (18) in the closed state of the closing device.

9. The closing device according to claim 8,
characterised in that

the frame (18) has a chamfered section (66) facing the frame opening (22), on which the collar (68) of the cover (20) is supported, in particular in a form-fitting manner, in the closed state of the closing device, with a side (70) complementary to the chamfered section (66).

~~10. The closing device according to at least one of the preceding claims, characterised in that the frame opening (22) can be closed by means of the cover (20) by means of a latching connection.~~

~~11. The closing device according to claim 10, characterised in that the cover (20) has a flexible latching means (32) to implement the latching connection between the cover (20) and the frame (18), which latching means engages behind a projection (34) formed on the frame (18) and protruding into the frame opening (22) in the latched state of the cover (20).~~

~~12. The closing device according to claim 11, characterised in that the latching means (32) has an engagement means (50), in particular for a tool, by means of which, preferably exclusively, the latching connection between the cover (20) and the frame (18) can be detached.~~

13. The closing device according to claim 12, characterised in that the latching means (32) and the engagement means (50) are arranged recessed in the cover, and in that the cover (20) has an access opening (54) for the engagement means (50).

14. The closing device according to at least one of claims 11 to 13, characterised in that the cover (20) has a cover section (36) and a base section (38), and in that the latching means (32) is formed between the cover section (36) and the base section (38).

15. The closing device according to claim 14,
characterised in that
the latching means (32) is a locking ring (44) which is received between the cover section (36) and the base section (38) of the cover (20).

16. The closing device according to claim 14 or 15,
characterised in that
the cover section (36) and the base section (38) are clipped together to form the cover (20).

17. A housing (12), in particular a door-drive housing, having a housing opening (10) and a closing device according to at least one of the preceding claims.