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FALL PROTECTION DEVICE



The module 22 can easily be attached to the tip of the turnable ladder 12 by putting the bar 20 of the adapter 16 into the hooks 18 of the reception 14. If the fall protection device 10 is not needed further, it can simply be detached from the tip of the turnable ladder 12 by taking the bar 20 off from the hooks 18.

At the opposite sides of the housing 26, lighting devices 40 are mounted to illuminate the area below the module 12. In the present embodiment, the lighting devices 40 are spotlights with LED (light emitting diode) illuminants. Each of the two opposite spotlights may be directed in a slightly different angle. In the present embodiment, the lighting devices 40 are modules attached laterally to the housing 26. However, according to a different embodiment, the lighting devices 40 can be integrated into the housing 26 of the module 22.

As shown in Fig. 3, and according to the invention, supply devices 42 are attached laterally to the fall protection device 10, for the purpose to supply air, water, fire extinguishing agent, electric power or the like to the person secured by the fall protection device 10. Each supply device 42, as schematically shown in Fig. 3, comprises a reel on which a supply line is wound. In the present embodiment, on the left side of the adapter 16 of the fall protection device 10, a supply device 42 is mounted that comprises a reel on which a hose 44 is wound. The hose 44 can be unwound from the reel to be guided towards the end of one of the ropes 36. The total length of the hose 44 should be adapted accordingly. The hose 44 may be provided to supply pressurized air, respiration air, a hydraulic fluid, water, in particular water for firefighting, any other firefighting agent (as liquid, foam, powder, or the like).

The opposite supply device 42 is attached to the opposite end of the bar 20 and comprises a reel on which an electric cable 46 is wound. This electric power cable 46 can be unwound from its reel inside the supply device 42 such as to be guided towards the end of one of the ropes 36. It is used to supply electric energy to any device that might be needed in a rescue operation.

Any of the supply devices 42 mounted to the opposite sides of the adapter 16 can be replaced against a supply device of another kind, for another supply purpose. It is also possible to replace one of the supply devices 42 by a rope winch. It is further possible to attach the supply device 42 not laterally to the adapter 16 but to the housing 26, as it is the case with the lighting devices 40 in the present embodiment.