

Title (en)

HIGH-RISE FIRE FIGHTING, RESCUE AND CONSTRUCTION EQUIPEMENT

Title (de)

FEUERBEKÄMPFUNGS-, RETTUNGS- UND BAUAUSRÜSTUNG FÜR HOCHHÄUSER

Title (fr)

EQUIPEMENT DE GRANDE HAUTEUR SERVANT A LA CONSTRUCTION, AU SAUVETAGE ET A LA LUTTE CONTRE L'INCENDIE

Publication

EP 1725489 B1 20100113 (EN)

Application

EP 04762961 A 20040913

Priority

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- US 66326003 A 20030916
- US 68036903 A 20031007
- US 79350804 A 20040304

Abstract (en)

[origin: WO2005025288A2] An elevator system for traveling on a rail (1) attached to the outside of a high-rise building (2). The rail has an H shape and has trolleys (37, 38) connected to cables riding in a channel on the rail for raising and lowering elevators. Motors (7) rotate spools (9, 10) having cables (35,36) connected to the trolleys. One elevator having a telescoping arm (18) attached for reaching any position on or above the building. A platform or cabin (20) attached to the telescoping arm can deliver materials to the building while under construction and thereafter be used for building maintenance such as window washing. The telescoping arm may have various attachments for different functions such as for rescuing people trapped in a high-rise during a fire or for positioning fire fighters and hoses or fire fighting equipment next to a fire.

IPC 8 full level

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CPC (source: EP GB KR)

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