

Title (en)

HIGH-RISE BUILDING WITH A NUMBER OF N FLOORS AND A VENT SHAFT

Title (de)

HOCHHAUS MIT EINER ANZAHL VON N ETAGEN UND MIT EINEM ABSTRÖMSCHACHT

Title (fr)

IMMEUBLE DE GRANDE TAILLE COMPRENANT N ÉTAGES ET UN PUIT D'ÉVACUATION

Publication

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Application

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Abstract (en)

[origin: WO2016034415A1] The invention relates to a high-rise building comprising: - a number of n floors, - a stairwell which is connected to the individual floors via stairwell doors, - an antechamber for each floor, said antechamber being connected to the stairwell via one of the stairwell doors, - a vent shaft which has a geometrically open cross-sectional area of at least 0.6 sq. m and which has a shaft head above the highest floor and a shaft base below the ground floor (EG), - a motor-driven venting means at the shaft head, - a motor-driven venting device for each floor, the venting device being fitted between the usable area and the vent shaft and being normally closed, - a smoke detector for each floor, each smoke detector being fitted in the usable area, and - a controller, which is connected to the smoke detectors, the venting devices, and the venting means, and which in the event of a fire on a given floor activates the venting device of said floor and the venting means at the shaft head.

IPC 8 full level

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