

Title (en)
Building emergency evacuation device

Title (de)
Vorrichtung zur Notevakuierung eines Gebäudes

Title (fr)
Dispositif d'evacuation d'urgence d'un edifice

Publication
EP 0972542 A1 20000119 (EN)

Application
EP 98305569 A 19980714

Priority
EP 98305569 A 19980714

Abstract (en)
A building emergency evacuation device includes an upright post arranged adjacent to a building. The post has a lower end fixed to a base which is fixed to or at least partially embedded in the ground to firmly support the post in position. The post has a plurality of support bracket plates fixed thereto and radially extending therefrom. The support bracket plates are arranged along a helical path around the post to support thereon a helical chute which is sized to accommodate people to slide down therealong. The helical chute has a plurality of access passages extending therefrom to connect to each floor of the building so as to allow the residents of the building to get into and thus slide down along the chute. A top member is fixed to a top end of the post on which a plurality of water sprinklers are arranged to spray water down onto the chute for providing protection against for example a building fire and serving as a lubricant for helping people sliding down the chute. The chute has a plurality of guiding rods arranged between any two successive turns of the helical chute to prevent accidental fall-off of the people sliding down the chute. <IMAGE>

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A62B 1/20

IPC 8 full level
A62B 1/20 (2006.01)

CPC (source: EP)
A62B 1/20 (2013.01)

Citation (search report)

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