

Title (en)

A safety interlocking device for elevators gates

Title (de)

Mechanische Vorrichtung zur wechselseitigen Verriegelung von Aufzugstüren

Title (fr)

Mécanisme de verrouillage alterné pour assurer la sécurité des grilles d' ascenseur

Publication

EP 1162166 A1 20011212 (EN)

Application

EP 01112758 A 20010526

Priority

IT VI20000122 A 20000607

Abstract (en)

The finding relates to a lock for safety gates at the floors, to be applied to the above mentioned safety gates, at the landing floors reachable by lifts, elevators and platforms in general, in building sites, as well as in other industrial activities where individuals and materials must be lifted through mobile platforms, such as lifts, elevators and the like, and safety regulations at work provide that access to the floors must be regulated through a safety gate. Said lock is characterised in that it comprises a box-shaped body inside which there is pivoted a suitably shaped bracket which, when subject to the action of a contrast spring and regulated by a release lever integral with the mobile platform, provides to coupling/releasing the tooth of the safety gate at the floors, based on the presence or absence of the same gate. <IMAGE>

IPC 1-7

B66B 13/20

IPC 8 full level

B66B 13/20 (2006.01)

CPC (source: EP)

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