

Title (en)  
Lock for elevator doors

Title (de)  
Aufzugtürverriegelung

Title (fr)  
Verrou pour portes d'ascenseur

Publication  
**EP 1176114 A1 20020130 (EN)**

Application  
**EP 01500158 A 20010626**

Priority  
ES 200002009 U 20000727

Abstract (en)  
Lock for elevator doors, of the type of lock that carries out a locking of elevator doors and the unlocking of the doors is produced by means of a pin that the elevator car door has and whose lock is assembled in the rapid carriage to which the corresponding leaf of the door is anchored, in such a way that the lock comprises an assembly defined by a locking strip (11) fastened to a support plate (13), that in a front position has an inclined plane (12). The assembly is also defined by a lock body connected rotatably to the rapid carriage, the lock body being defined by a latch element (2), a counterweight (4) integral to the latch element (2) at one of its sides, and a part (5) with a generally omega ( OMEGA ) shaped profile with right angles, connected to the latch element at the other end by means of screws passing through respective elongated holes (8). <IMAGE>

IPC 1-7  
**B66B 13/16**

IPC 8 full level  
**B66B 13/16** (2006.01)

CPC (source: EP)  
**B66B 13/16** (2013.01)

Citation (search report)  
• [X] EP 0410774 A2 19910130 - OTIS ELEVATOR CO [US]  
• [A] US 5730254 A 19980324 - NGUYEN HAI T [US]

Cited by  
CN110088030A; EP1500625A1; FR2858002A1; US11390491B2

Designated contracting state (EPC)  
DE ES FR IT

DOCDB simple family (publication)  
**EP 1176114 A1 20020130; EP 1176114 B1 20090415**; DE 60138342 D1 20090528; ES 1046872 U 20010201; ES 1046872 Y 20010701;  
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