

Title (en)

Method and apparatus for elevator hoistway door installation

Title (de)

Verfahren und Einrichtung für den Schachttüreinbau bei Aufzügen

Title (fr)

Procédure et appareil pour le montage des portes paliers des ascenseurs

Publication

EP 0606508 B1 19990407 (DE)

Application

EP 93100430 A 19930114

Priority

EP 93100430 A 19930114

Abstract (en)

[origin: EP0606508A1] In the pre-assembly of a hoistway door, pre-assembled hoistway-door units (11) are fitted into hoistway-door openings (7) equipped beforehand with dowel plate ((4), door-girder angle (5) and fastening plate. On the underside of the hoistway-door unit (11), a projecting threshold-girder plate has notches at both front ends. When the threshold-girder plate is put down on the door-girder angle (5), the notches engage in a cut-out in the door-girder angle (5). The cut-out has the same spacing as the notches. There are locking mechanisms (13) on both sides on the top of the hoistway-door unit (11). The locking mechanisms (13) have locking bolts which are pushed into locking pockets (9) on the lateral fastening plates and also fix the hoistway-door unit (11) at the top. Cover angles which can be extended laterally at the hoistway-door unit (11) and can be fixed to the lateral fastening plate by means of punched-out folded lobes bridge the lateral assembly air gap. Finally, the top assembly air gap still present and the visible fastenings are covered with cover profiles and lining plates. During the entire assembly time, the hoistway-door opening (7) is secured with a safety barrier to prevent persons from falling in. <IMAGE>

IPC 1-7

B66B 13/30

IPC 8 full level

B66B 13/30 (2006.01)

CPC (source: EP US)

B66B 13/303 (2013.01 - EP US)

Cited by

EP1069066A1; US6540048B1; WO2019048729A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI LU NL

DOCDB simple family (publication)

EP 0606508 A1 19940720; EP 0606508 B1 19990407; AT E178564 T1 19990415; DE 59309501 D1 19990512; ES 2132143 T3 19990816; HK 1011333 A1 19990709; IL 107888 A0 19940412; IL 107888 A 19960131; JP H06278978 A 19941004; TR 27297 A 19941229; US 5479754 A 19960102

DOCDB simple family (application)

EP 93100430 A 19930114; AT 93100430 T 19930114; DE 59309501 T 19930114; ES 93100430 T 19930114; HK 98112329 A 19981126; IL 10788893 A 19931206; JP 129494 A 19940111; TR 3394 A 19940110; US 18134794 A 19940114