

Title (en)  
PREASSEMBLED ELEVATOR SHAFT

Title (de)  
VORMONTIERTER AUFZUGSSCHACHT

Title (fr)  
CAGE D'ASCENSEUR PREMONTEE

Publication  
**EP 1056678 B1 20020417 (DE)**

Application  
**EP 98951486 A 19981001**

Priority  
• DE 19743513 A 19971001  
• DE 19752227 A 19971125  
• EP 9806255 W 19981001

Abstract (en)  
[origin: WO9916694A2] The invention relates to a cable elevator comprising a driving mechanism which interacts with a cable guided by deflection rollers in order to lift and lower an elevator car and a counterweight which move inside an elevator shaft. According to the invention, deflection wheels, driving wheels and guiding elements are contained in preassembled installation units. Said installation units are quickly and easily assembled at the place of utilization. In addition, the inventive elevator driving mechanism lifts and/or lowers an elevator car and a counterweight in the elevator shaft by means of at least one bend slackening device. Said device is guided by an arrangement of deflection rollers. The driving mechanism is integrated as a bend slackening device of the deflecting element inside the arrangement comprised of deflection rollers.

IPC 1-7  
**B66B 11/00**; **B66B 11/08**; **B66B 5/18**; **B66B 7/02**

IPC 8 full level  
**B66B 5/18** (2006.01); **B66B 7/00** (2006.01); **B66B 7/02** (2006.01); **B66B 11/00** (2006.01); **B66B 11/04** (2006.01); **B66B 11/08** (2006.01)

CPC (source: EP US)  
**B66B 5/18** (2013.01 - EP US); **B66B 7/02** (2013.01 - EP US); **B66B 7/027** (2013.01 - EP US); **B66B 11/0045** (2013.01 - EP US);  
**B66B 11/08** (2013.01 - EP US)

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**WO 9916694 A2 19990408**; **WO 9916694 A3 19990624**; AT E216349 T1 20020515; CN 1104372 C 20030402; CN 1274334 A 20001122; DE 59803888 D1 20020523; DK 1056678 T3 20020729; EP 1056678 A2 20001206; EP 1056678 B1 20020417; ES 2172931 T3 20021001; HK 1033303 A1 20010824; JP 2001518434 A 20011016; PT 1056678 E 20020930; US 6782975 B1 20040831

DOCDB simple family (application)  
**EP 9806255 W 19981001**; AT 98951486 T 19981001; CN 98809604 A 19981001; DE 59803888 T 19981001; DK 98951486 T 19981001; EP 98951486 A 19981001; ES 98951486 T 19981001; HK 01102670 A 20010412; JP 2000513786 A 19981001; PT 98951486 T 19981001; US 50992600 A 20000623