Title (en)

Method to obtain shaft information for an elevator controller

Title (de)

Verfahren zur Erzeugung von einer Aufzugssteuerung dienender Schachtinformation

Title (fr)

Méthode pour acquérir des informations de cage utilisées par le contrôleur d' ascenseur

Publication

EP 1232988 B1 20040721 (DE)

Application

EP 02405119 A 20020218

Priority

• EP 02405119 A 20020218
• EP 01810174 A 20010220

Abstract (en)

[origin: EP1232988A1] The shaft information generation method uses visually detectable patterns provided along the elevator shaft, provided by structured surfaces of shaft components having a different function. Images are generated by stepped detection of the patterns, the image data fed to a correlator providing an estimated position from the incremental position of a new image and the absolute position of a preceding image and fed to a second correlator providing an absolute position for the lift control.

IPC 1-7

B66B 1/34

IPC 8 full level

B66B 3/02 (2006.01); **B66B 1/34** (2006.01); **B66B 3/00** (2006.01)

CPC (source: EP US)

B66B 1/3492 (2013.01 - EP US)

Cited by

WO2020001971A1; WO2018210627A1; KR20170098828A; DE112004002766B4; AU2015366482B2; RU2707203C2; CN112154114A; AU2019295865B2; KR20170089870A; US2017349399A1; EP3336030A1; AU2015357119B2; US10577220B2; US10696522B2; US7731000B2; WO2016096697A1; WO2016096698A1; US10549947B2; US11130654B2; WO2016087528A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1232988 A1 20020821; **EP 1232988 B1 20040721**; AR 032717 A1 20031119; AT E271511 T1 20040815; AU 1568002 A 20020822; AU 783425 B2 20051027; BR 0200457 A 20021029; CA 2370883 A1 20020820; CA 2370883 C 20090728; CN 1178838 C 20041208; CN 1371857 A 20021002; DE 50200642 D1 20040826; DK 1232988 T3 20041101; ES 2225748 T3 20050316; HK 1049141 A1 20030502; JP 2002274765 A 20020925; JP 4283479 B2 20090624; MX PA02001741 A 20030820; MY 127975 A 20070131; NO 20020817 D0 20020219; NO 20020817 L 20020821; NO 321417 B1 20060508; SG 96681 A1 20030616; US 2002112926 A1 20020822; US 6612403 B2 20030902; ZA 200201079 B 20020821

DOCDB simple family (application)

EP 02405119 A 20020218; AR P020100562 A 20020219; AT 02405119 T 20020218; AU 1568002 A 20020219; BR 0200457 A 20020220; CA 2370883 A 20020206; CN 02105077 A 20020220; DE 50200642 T 20020218; DK 02405119 T 20020218; ES 02405119 T 20020218; HK 03101007 A 20030212; JP 2002027698 A 20020205; MX PA02001741 A 20020219; MY PI20020516 A 20020215; NO 20020817 A 20020219; SG 200200590 A 20020131; US 7965902 A 20020220; ZA 200201079 A 20020207