

Title (en)
ELEVATOR MAIN ROPE ELONGATION SENSOR

Title (de)
DEHNUGSSENSOR FÜR HAUPTSEIL EINES AUFZUGES

Title (fr)
DETECTEUR DE L'ALLONGEMENT D'UN CABLE PRINCIPAL D'ASCENSEUR

Publication
EP 1357073 A4 20060531 (EN)

Application
EP 00979984 A 20001207

Priority
JP 0008673 W 20001207

Abstract (en)
[origin: EP1357073A1] In an elevator main rope elongation detector apparatus, electrical resistance of an electrically-conductive filament integrated into a main rope is measured by an electrical resistance measuring apparatus. A determining means determines whether a measured value from the electrical resistance measuring apparatus is within a preset normal range. When the measured value is determined by the determining means to be outside the preset normal range, a warning is issued by a warning means. <IMAGE>

IPC 1-7
B66B 5/02; **B66B 7/12**

IPC 8 full level
B66B 5/02 (2006.01); **B66B 7/10** (2006.01); **B66B 7/12** (2006.01)

CPC (source: EP US)
B66B 5/0037 (2013.01 - EP); **B66B 7/10** (2013.01 - EP); **B66B 7/1223** (2013.01 - EP); **D07B 1/145** (2013.01 - EP US); **D07B 2301/259** (2013.01 - EP); **D07B 2301/554** (2013.01 - EP)

Citation (search report)
• [XY] EP 1029973 A1 20000823 - INVENTIO AG [CH]
• [Y] EP 1022376 A1 20000726 - INVENTIO AG [CH]
• See references of WO 0246082A1

Cited by
EP1846741A4; US7123030B2; CN103738873A; US2013270042A1; CN105060057A; US9828214B2; US2014305744A1; US9834409B2; US2008149430A1; US8360208B2; EP3428111A1; EP3527523A1; CN102933482A; EP2910510A1; AU2010342458B2; AU2010342458A8; US2015375963A1; US9731939B2; US10214396B2; US8686747B2; WO2016062454A1; WO2017032914A1; WO2011085885A3; US10730720B2; US7653506B2; US8807286B2; US9423369B2; US9599582B2; US10843900B2; US11565912B2; EP2516313B1

Designated contracting state (EPC)
CH DE FR LI NL

DOCDB simple family (publication)
EP 1357073 A1 20031029; **EP 1357073 A4 20060531**; CN 1243658 C 20060301; CN 1433372 A 20030730; JP WO2002046082 A1 20040408; WO 0246082 A1 20020613

DOCDB simple family (application)
EP 00979984 A 20001207; CN 00818794 A 20001207; JP 0008673 W 20001207; JP 2002547827 A 20001207