

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 A1 20031029 (EN)

Application
EP 00979984 A 20001207

Priority
JP 0008673 W 20001207

Abstract (en)
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)

Cited by
EP1846741A4; US9828214B2; US7123030B2; CN103738873A; US2013270042A1; CN105060057A; 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

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