

Title (en)
MAIN CABLE OF ELEVATOR

Title (de)
HAUPTSEIL FÜR AUFZUG

Title (fr)
CABLE PRINCIPAL D'ASCENSEUR

Publication
EP 1371597 A1 20031217 (EN)

Application
EP 01904515 A 20010216

Priority
JP 0101130 W 20010216

Abstract (en)
In an elevator main rope, an outer layer portion is disposed so as to cover an outer circumference of an inner layer portion. The inner layer portion has a plurality of inner layer strands. The outer layer portion has a plurality of outer layer strands. The inner layer strands and the outer layer strands are constructed by twisting together base strands made of synthetic resin fibers. A tensile strength of the outer layer portion is set lower than a tensile strength of the inner layer portion. The inner layer portion has a tensile strength equal to or greater than sixty percent of an overall tensile strength. <IMAGE>

IPC 1-7
B66B 7/06; **D07B 1/02**

IPC 8 full level
D07B 1/02 (2006.01); **D07B 1/14** (2006.01); **D07B 1/16** (2006.01)

CPC (source: EP US)
D07B 1/025 (2013.01 - EP); **D07B 1/142** (2013.01 - EP US); **D07B 1/145** (2013.01 - EP US); **D07B 1/162** (2013.01 - EP); **D07B 2201/2074** (2013.01 - EP); **D07B 2201/2076** (2013.01 - EP); **D07B 2205/205** (2013.01 - EP); **D07B 2501/2007** (2013.01 - EP)

Cited by
EP1930496A3; EP1930497A3; AU2007237327B2; US10472765B2; US7665289B2; US8360208B2; US9731938B2; TWI472665B

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