

Title (en)  
ROPE FOR ELEVATOR

Title (de)  
SEIL FÜR EINEN AUFZUG

Title (fr)  
CÂBLE POUR ASCENSEUR

Publication  
**EP 2511219 A1 20121017 (EN)**

Application  
**EP 09852045 A 20091208**

Priority  
JP 2009070529 W 20091208

Abstract (en)  
An elevator rope has a core rope, a plurality of outer layer strands, and a resin outer layer coating body. The core rope includes: a single steel core strand; a resin core strand coating body that is coated onto an outer circumference of the core strand; a core rope strand assembly that is constituted by a plurality of steel core rope strands that are disposed on an outer circumference of the core strand coating body; and a resin core rope coating body that is disposed on an outer circumference of the core rope strand assembly. A resin outer layer coating body is fixed adhesively to the outer layer strands. The core strand and the core rope strands have a three-layer construction in which two layers of wires are bound onto an outer circumference of a central wire. The outer layer strands have a two-layer construction in which a single layer of wires is bound onto an outer circumference of a central wire.

IPC 8 full level  
**B66B 7/06** (2006.01)

CPC (source: EP KR)  
**B66B 7/06** (2013.01 - EP KR); **D07B 1/068** (2013.01 - EP); **D07B 1/162** (2013.01 - EP); **D07B 1/165** (2013.01 - EP); **D07B 5/007** (2013.01 - EP); **D07B 2201/2019** (2013.01 - EP); **D07B 2201/2061** (2013.01 - EP); **D07B 2501/2007** (2013.01 - EP)

C-Set (source: EP)  
**D07B 2201/2061 + D07B 2801/24**

Citation (search report)  
See references of WO 2011070648A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2011070648 A1 20110616**; CN 102639424 A 20120815; EP 2511219 A1 20121017; JP WO2011070648 A1 20130422; KR 20120070606 A 20120629

DOCDB simple family (application)  
**JP 2009070529 W 20091208**; CN 200980162747 A 20091208; EP 09852045 A 20091208; JP 2011545010 A 20091208; KR 20127012789 A 20091208