

Title (en)  
ELEVATOR ROPE

Title (de)  
AUFZUGSKABEL

Title (fr)  
CÂBLE D'ASCENSEUR

Publication  
**EP 2055829 A1 20090506 (EN)**

Application  
**EP 06796801 A 20060825**

Priority  
JP 2006316728 W 20060825

Abstract (en)  
An elevator rope has a core rope, and twelve outer layer strands that are arranged on an outer peripheral portion of the core rope at intervals from one another. The core rope has a core strand, an inner layer covering member with which an outer periphery of the core strand is covered, six inner layer strands which are arranged on an outer peripheral portion of the inner layer covering member at intervals from one another, and an outer layer covering member with which the core strand, the inner layer covering member and the individual inner layer strands are collectively covered. The core strand, the individual inner layer strands and the individual outer layer strands are respectively composed of a plurality of elemental wires twisted together.

IPC 8 full level  
**D07B 1/06** (2006.01); **B66B 7/06** (2006.01); **D07B 1/16** (2006.01)

CPC (source: EP KR)  
**B66B 7/06** (2013.01 - EP); **D07B 1/0673** (2013.01 - EP); **D07B 1/08** (2013.01 - KR); **D07B 1/10** (2013.01 - KR); **D07B 1/12** (2013.01 - KR); **D07B 1/165** (2013.01 - EP); **D07B 2201/1036** (2013.01 - EP); **D07B 2201/2065** (2013.01 - EP); **D07B 2201/2073** (2013.01 - EP); **D07B 2201/2074** (2013.01 - EP); **D07B 2501/2007** (2013.01 - EP)

Cited by  
US9902594B2; US9896307B2; US2015144432A1; EP3020673A4; US11685633B2; US9309620B2; WO2012059284A1

Designated contracting state (EPC)  
DE

Designated extension state (EPC)  
AL BA HR MK RS

DOCDB simple family (publication)  
**EP 2055829 A1 20090506**; **EP 2055829 A4 20131002**; **EP 2055829 B1 20151111**; CN 101415880 A 20090422; CN 101415880 B 20121121; JP 5307395 B2 20131002; JP WO2008023434 A1 20100107; KR 101171688 B1 20120806; KR 20110099144 A 20110906; WO 2008023434 A1 20080228

DOCDB simple family (application)  
**EP 06796801 A 20060825**; CN 200680054143 A 20060825; JP 2006316728 W 20060825; JP 2007526089 A 20060825; KR 20117017878 A 20060825