

Title (en)  
Elevator apparatus

Title (de)  
Hubvorrichtung

Title (fr)  
Appareil élévateur

Publication  
**EP 2020398 B1 20140604 (EN)**

Application  
**EP 08380235 A 20080730**

Priority  
ES 200702194 A 20070803

Abstract (en)  
[origin: EP2020398A1] The invention relates to a rope for elevator apparatuses and elevator apparatus comprising said rope having low flexural rigidity and allowing its use with sheaves having a reduced diameter, achieving a deterioration level less than that of conventional ropes, for which purpose the rope comprises at least two linear resistant elements (1) parallel along the entire length of the rope, which are located close to a central axis (4) of the cross-section A t of the rope, said cross-section A t having a width a substantially equal to a thickness b, wherein the resistant elements (1) have cross-sections a t which are aligned parallel to said central axis (4).

IPC 8 full level  
**D07B 1/02** (2006.01); **B66B 7/06** (2006.01); **D07B 1/14** (2006.01); **D07B 1/16** (2006.01); **D07B 1/22** (2006.01)

CPC (source: EP ES US)  
**B66B 7/06** (2013.01 - EP ES US); **D07B 1/14** (2013.01 - EP ES US); **D07B 1/16** (2013.01 - EP ES); **D07B 1/22** (2013.01 - EP ES US); **D07B 1/025** (2013.01 - EP); **D07B 2201/1092** (2013.01 - EP); **D07B 2205/205** (2013.01 - EP); **D07B 2501/2007** (2013.01 - EP)

C-Set (source: EP)  
**D07B 2205/205 + D07B 2801/10**

Cited by  
US9828215B2; CN114314260A; US11370640B2; EP2829498A1; US10160620B2; WO2020110245A1

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 MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 2020398 A1 20090204; EP 2020398 B1 20140604**; ES 2341743 A1 20100625; ES 2341743 B1 20110428; ES 2474174 T3 20140708

DOCDB simple family (application)  
**EP 08380235 A 20080730**; ES 08380235 T 20080730; ES 200702194 A 20070803