

Title (en)  
Inclined elevator

Title (de)  
Hangaufzug

Title (fr)  
Ascenseur incliné

Publication  
**EP 1647514 A1 20060419 (DE)**

Application  
**EP 05022220 A 20051012**

Priority  
DE 102004049852 A 20041013

Abstract (en)  
The inclined lift for persons has a gondola (1) pivot-connected to a drive unit (2) and guided on a running rail (10). A guide element is movably installed in the running rail and has a drive pinion which is connected to a drive motor and which positively engages in a coupling device which is a wire cable upon which are attached driving elements. The wire cable is rigidly connected to the running rail at defined intervals and the toothing of the drive pinion forms a positive locking connection with the driving elements.

IPC 8 full level  
**B66B 9/08** (2006.01); **B66B 9/16** (2006.01)

CPC (source: EP)  
**B66B 9/0846** (2013.01); **B66B 9/16** (2013.01)

Citation (applicant)  
• DE 29520175 U1 19960523 - OOMS OTTO BV [NL]  
• DE 8208435 U1 19840726

Citation (search report)  
• [A] DE 3210904 A1 19830929 - PAUL NITZKE GMBH & CO KG [DE]  
• [A] EP 1413541 A1 20040428 - BC LIFT AS [DK]  
• [A] PATENT ABSTRACTS OF JAPAN vol. 1999, no. 08 30 June 1999 (1999-06-30)

Cited by  
US2022259011A1; CN106389025A; CN107055264A; US11153554B2; WO2020051093A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
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DE 102004049852 B4 20081127; DE 502005001046 D1 20070830

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