

Title (en)  
Machine, lifting system and machine room-less elevator

Title (de)  
Maschine, Hebesystem und maschinenraumloser Aufzug

Title (fr)  
Machine, système élévateur et ascenseur sans salle de machines

Publication  
**EP 1698581 B1 20110817 (EN)**

Application  
**EP 05380038 A 20050301**

Priority  
EP 05380038 A 20050301

Abstract (en)  
[origin: EP1698581A1] A machine, lifting system and elevator, wherein the gearless machine comprises a frame (31) and a cylindrical motor (300) having a stator (30) and a rotor (32), wherein: the stator (30) is a longitudinal shaft; the rotor (32): forms the substantially cylindrical outer surface of the motor (300); is configured to rotate about a rotating shaft parallel to the stator (30); comprises a traction pulley (321) in a central position configured for hauling a chassis (18, 52, 63) of an elevator car (19) and a counterweight (17, 64) through hauling means (16, 66); the length of the stator (30) is greater than the length of the rotor (32); the frame comprises support means (311) spaced a distance coinciding with the first length, configured to carry the motor (300), the motor (300) being rigidly joined to the frame (31) by means of the stator (30).

IPC 8 full level  
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CPC (source: EP)  
**B66B 11/0206** (2013.01); **B66B 11/0226** (2013.01)

Cited by  
CN102099280A; EP2592036A1; CN103193135A; EP2543617A3; CN103261078A; EP2639194A1; CN103303765A; CN105329746A; US10745246B2; WO2010010023A1; WO2009075673A1; US8839911B2; US9511978B2; US8631907B2; US9457994B2; WO2010126484A1; WO2012049358A1; WO2024049388A1

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