

Title (en)
FRICTION-DRIVEN HOIST

Title (de)
TREIBSCHEIBENAUFZUG

Title (fr)
ASCENSEUR A POULIE MOTRICE

Publication
EP 1472170 B1 20070124 (DE)

Application
EP 03704247 A 20030125

Priority
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Abstract (en)
[origin: WO03066498A1] Disclosed is a friction-driven hoist comprising a cage guided between rails, rails which guide a counterload and are arranged diagonally from the rails guiding the cage, a set of carrying ropes on which the cage and the counterload are suspended via an idle pulley, and a drive unit formed at least by a gearless motor, a driving disk for the carrying ropes, and a brake. The axial length of the drive unit is larger than the diameter thereof. Preferably the inventive friction-driven hoist also comprises an opposite pulley to double-loop the driving disk with the carrying ropes. Only one side of the drive unit (4) is fixed to the inner cage rail (2i) while the opposite side thereof is fixed to the outer counterload rail (3a), the drive unit (4) being positioned in the clear space between said two rails (2i, 3a).

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Cited by
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WO 03066498 A1 20030814; AT E352511 T1 20070215; AU 2003206638 A1 20030902; CN 1266020 C 20060726; CN 1518519 A 20040804; DE 10205170 A1 20030828; DE 10205170 B4 20050721; DE 50306373 D1 20070315; EP 1472170 A1 20041103; EP 1472170 B1 20070124; ES 2277059 T3 20070701

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