

Title (en)
KOEPE HOIST

Title (de)
KOEPE-HEBEZEUG

Title (fr)
TREUIL KOEPE

Publication
EP 3738915 B1 20220119 (EN)

Application
EP 20174306 A 20200513

Priority

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Abstract (en)
[origin: EP3738915A1] Disclosed is a Koepe hoist, including a friction drum (100), a main shaft device (200), a driving device (300), a braking mechanism (400) and at least one hoisting composite belt (500). Each hoisting composite belt (500) includes a polymer composite layer (510), and a plurality of steel or fiber ropes (520) embedded in the polymer composite layer (510). At least one limit groove (110) is formed in a circumferential direction of the friction drum (100), and a corner formed by a side surface (111) and a bottom surface (112) of the limit groove (110) has an angle of 110° to 150° and is rounded off.

IPC 8 full level
B66B 7/06 (2006.01); **B66B 15/04** (2006.01); **D07B 1/22** (2006.01)

CPC (source: EP US)
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