

Title (en)

Drive pulley for elevators and it's manufacturing process

Title (de)

Treibscheibe für aufzüge und deren herstellungsverfahren

Title (fr)

Poulie d'entraînement pour élévateur et sa méthode de production

Publication

EP 1471030 B1 20090729 (DE)

Application

EP 04008524 A 20040408

Priority

- EP 04008524 A 20040408
- EP 03405278 A 20030422

Abstract (en)

[origin: EP1471030A1] An improved pulley for supporting a lift cable, and the lift cabin, is structured with at least two radial sectors with one sector (3) of hardened metal and the other sector (4) of non hardened metal. The sectored structure prevents the formation of cracks under strain and ensures a long operating life. The hardened sectors are produced by flame hardening or by induction heating hardening. The hardened sectors have angles of between 15 to 36 deg. while the non hardened sectors have angles between 1 and 15 deg. The sectors are arranged in an alternating array.

IPC 8 full level

B66B 15/04 (2006.01)

CPC (source: EP)

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Cited by

DE102007046231A1; DE202008001786U1; EP1886957A1

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