

Title (en)

Metal driving belt.

Title (de)

Metallischer Treibriemen.

Title (fr)

Courroie de transmission métallique.

Publication

EP 0000802 A1 19790221 (EN)

Application

EP 78200129 A 19780803

Priority

NL 7708639 A 19770804

Abstract (en)

A driving belt having a trapezoidal cross-sectional configuration and suitable to transmit a torque between expanding pulleys formed of pairs of conical discs defining a V-shaped space between them for receiving the driving belt, which driving belt comprises a carrier in the form of one or a number of endless metal belts having a continuous series of transverse members (6) freely slidable with respect to the carrier thereon. In such a driving belt there may be a lateral vibration of the transverse members under certain conditions. This vibration, during which the transverse members (6) strike the carrier, results in wear, which can be considerably reduced by providing the parallel surfaces with which the transverse members contact each other with friction-increasing means, such as a grooved surface.

IPC 1-7

F16G 5/16

IPC 8 full level

F16G 5/16 (2006.01)

CPC (source: EP)

F16G 5/16 (2013.01)

Citation (search report)

- DE 2557724 A1 19770630 - HEYNAU GMBH HANS
- FR 81703 E 19631102 - G AB
- FR 2031782 A5 19701120 - PEUGEOT & RENAULT

Cited by

WO02053935A1; WO02053937A1; WO02053938A1; US4386921A; US5105889A; US4525159A; EP0451038A1; US5171189A; EP0798492A1; US5800298A; CN1095955C; US5242332A; US4968288A; US5123879A; US7108624B2; WO02053936A1

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DOCDB simple family (application)

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