

Title (en)

DRIVING DEVICE FOR EARTH-MOVING MACHINES, IN PARTICULAR FOR WHEEL LOADERS

Publication

EP 0391236 A3 19920401 (DE)

Application

EP 90105943 A 19900328

Priority

DE 3910748 A 19890403

Abstract (en)

[origin: EP0391236A2] A drive for earth-moving machines, in particular for wheel loaders, consists of two drive axles, the differential mechanisms (6) of which are connected to one another by a cardan shaft (7, 8, 9, 16), and of an internal combustion engine (13) driving a hydraulic pump (12) which drives the cardan shaft via a controllable hydrostatic motor, preferably a swash-plate motor. In order to simplify the drive and to permit easy accessibility for maintenance purposes, the hydrostatic motor (15) drives the cardan shaft (7, 8, 9, 16) in the area between the differential mechanism (6) of the rear wheel axle and the cardan joint (9).

IPC 1-7

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IPC 8 full level

B60K 5/00 (2006.01); **B60K 17/10** (2006.01); **E02F 3/34** (2006.01); **E02F 9/00** (2006.01); **E02F 9/20** (2006.01)

CPC (source: EP)

E02F 3/3411 (2013.01); **E02F 9/00** (2013.01); **E02F 9/0833** (2013.01); **E02F 9/0866** (2013.01); **E02F 9/202** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

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