

Title (en)

HYDRAULIC SYSTEM FOR EARTH-MOVING MACHINES, IN PARTICULAR FOR LOADERS, TRACTORS AND THE LIKE

Publication

**EP 0388641 A3 19910605 (DE)**

Application

**EP 90103203 A 19900220**

Priority

DE 3909205 A 19890321

Abstract (en)

[origin: EP0388641A2] A hydraulic system for earth-moving machines, in particular for loaders, tractors and the like, is provided with an implement, in particular a loading shovel, which can be actuated via hydraulic cylinders (3), a main line (1) being provided for the actuation of the hydraulic cylinders (3), which main line (1) leads from a pressure source via a control valve (2) to the hydraulic cylinders (3) and from which a connecting line (13) branches off downstream of the control valve (2), which connecting line (13) leads to at least one hydraulic reservoir (12) and in which a controllable shut-off valve (14) is arranged. A filling line (19, 20) is provided which bridges the shut-off valve (14) and connects the main line (1) to the hydraulic reservoir (12). A pressure-reducing valve (21) is arranged in the filling line (19, 20). <IMAGE>

IPC 1-7

**E02F 9/22**

IPC 8 full level

**E02F 9/22** (2006.01); **F15B 1/02** (2006.01)

CPC (source: EP)

**E02F 9/2207** (2013.01); **E02F 9/2217** (2013.01); **E02F 9/226** (2013.01); **F15B 1/021** (2013.01)

Citation (search report)

- [E] EP 0381788 A1 19900816 - KOBE STEEL LTD [JP]
- [AD] DE 2856583 C2 19850207

Cited by

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