

Title (en)

HYDRAULIC DRIVE FOR A SLIDING COMBUSTION GRATE

Title (de)

HYDRAULISCHER ANTRIEB FÜR EINEN SCHUB-VERBRENNUNGSROST

Title (fr)

ENTRAÎNEMENT HYDRAULIQUE POUR UNE GRILLE DE COMBUSTION COULISSANTE

Publication

**EP 2598800 A2 20130605 (DE)**

Application

**EP 11736103 A 20110727**

Priority

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- EP 2011062893 W 20110727

Abstract (en)

[origin: CA2806931A1] The invention relates to a hydraulic drive for a water-cooled sliding combustion grate. Each displaceable grate stage (6) is connected to at least one connection rod (30) supported at the other end thereof on a crank (31), wherein the associated crankshaft (32) is supported in a bushing (33) penetrating the side wall (2) of the grate construction. A crank (34) connected to the piston (35) of a hydraulic cylinder-piston unit (36, 35) is seated on the other side of the crankshaft (32), outside of the actual grate construction of the associated grate run, where said hydraulic cylinder-piston unit is disposed. The hydraulic components are thereby spaced further away from grate plates, and not exposed to abrasion. Said components, being disposed remotely from the grate plates (6), can also be replaced during operation of the grate.

IPC 8 full level

**F23H 7/08** (2006.01)

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