

Title (en)
DEVICE FOR A MECHANICAL DIGGER

Title (de)
VORRICHTUNG FÜR EINEN MECHANISCHEN BAGGER

Title (fr)
DISPOSITIF POUR EXCAVATRICE

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Application
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Abstract (en)
[origin: WO2004113622A1] A device for a mechanical digger (10) is described, where the mechanical digger comprises a lower drive machinery (12) and an upper rotational part (14), where a lifting beam is connected to the upper part (14) comprising a vertically rotational lifting arm (18) which is articulately connected to an intermediate arm (20) to which a digging/lifting tool is articulately fitted, and a number of cylinders (24,26,28) arranged to drive the lifting beam. One or more of said cylinders for raising and lowering of the lifting beam comprises a multicylinder (24) for hydraulics and gas, where the gas part of the multi-cylinder (24) is arranged to provide a counter-force which approximately corresponds to the downward directed force vector of the lifting beam.

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