

Title (en)

KINGPOST ASSEMBLY WITH HYDRAULICALLY DRIVEN SIDESHIFT SLIDING CARRIAGE

Title (de)

HECKANBAUBAGGER MIT HYDRAULISCH SEITLICH VERSCHIEBLICHEM SCHLITTEN

Title (fr)

STRUCTURE D'EXCAVATION ARRIERE AVEC CHARIOT COULISSANT LATERALEMENT PAR DES MOYENS HYDRAULIQUES

Publication

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Application

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Abstract (en)

[origin: WO2010139748A1] A hydraulic system for moving a carriage guided for movement along a linear path by a support frame, such as a backhoe or an excavator. The system comprises two hydraulic jacks 114, 116, each having a cylinder body and a piston rod. The cylinder bodies 114a and 116a of the two jacks are joined to one another, the end of the piston rod of one jack is connected to the support frame and the end of the piston rod of the other jack is connected to the carriage. In the invention, the two piston rods 114b, 116b project from the same side of the joined cylinder bodies and in each end position of the carriage 110, the piston rod 114b, 116b of a respective one of the jacks is fully extended while that of the other jack is fully retracted.

IPC 8 full level

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