

Title (en)

SLIDING FRAME WITH A PISTON-ACTUATED SWING DEVICE, PARTICULARLY FOR A TRANSVERSELY SHIFTABLE BACKHOE

Publication

EP 0086975 A3 19831130 (DE)

Application

EP 83100628 A 19830125

Priority

US 34979782 A 19820218

Abstract (en)

[origin: US4397603A] A side-shift backhoe includes a slide frame having an upper end forming a downwardly opening receptacle having a cylindrically curved inner surface engaged with a complementary shaped surface of an upper transverse guide rail of a support frame. The slide frame also includes a transverse member which is releasably secured to a lower end of the frame and includes an upwardly- and rearwardly-facing abutment surface disposed for engagement with a downwardly and forwardly-facing abutment surface of a lower transverse guide rail of the support frame. A pair of linear hydraulic swing actuators are located between upper and lower transversely-extending mounting bars, and the cylinders of the actuators are each swivelly mounted to the bars with the bars and actuators forming a swing actuator unit. The swing actuator unit is releasably secured to the slide frame such that the actuators project through a central, fore-and-aft extending opening provided in the slide frame.

IPC 1-7

E02F 3/30; **E02F 3/38**

IPC 8 full level

E02F 3/32 (2006.01); **E02F 3/38** (2006.01)

CPC (source: EP US)

E02F 3/386 (2013.01 - EP US)

Citation (search report)

- [A] GB 2040260 A 19800828 - GEN INC
- [A] EP 0009974 A1 19800416 - FORD MOTOR CO [GB], et al
- [A] DE 2425205 A1 19741212 - MITSUBISHI HEAVY IND LTD
- [A] DE 2545503 A1 19760520 - MITSUBISHI HEAVY IND LTD
- [AD] US 4039095 A 19770802 - LONG ELTON B
- [A] GB 1053409 A

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 0086975 A2 19830831; **EP 0086975 A3 19831130**; **EP 0086975 B1 19850828**; CA 1191485 A 19850806; DE 3360630 D1 19851003; US 4397603 A 19830809

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