

Title (en)
COMPACT EXCAVATOR

Publication
EP 0176829 B1 19890125 (DE)

Application
EP 85111522 A 19850912

Priority
DE 3435981 A 19841001

Abstract (en)
[origin: ES296011U] A compact excavator has a superstructure, a swinging or swivelling mechanism connecting said superstructure with a chassis for swinging said superstructure relative to said chassis about a vertical axis, and a boom on said superstructure. The boom is linked to the superstructure directly by a parallel guide having a parallelogram link (14 or 14') and an intermediate member (12). The parallel guide is able to swing about a vertical axis (13', 13'') secured to the superstructure (3). The intermediate member (12) has a fixed length and the parallelogram link (14, 14') may have a fixed length link or a hydraulic actuator piston cylinder having a variable length. Such a construction simplifies additional movements required of the driver for operating the excavator.

IPC 1-7
E02F 3/38

IPC 8 full level
E02F 3/38 (2006.01)

CPC (source: EP US)
E02F 3/384 (2013.01 - EP US); **Y10S 414/13** (2013.01 - EP US)

Cited by
EP0539864A1; EP0892115A1

Designated contracting state (EPC)
AT BE CH FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0176829 A1 19860409; EP 0176829 B1 19890125; AT E40432 T1 19890215; DE 3435981 A1 19860417; DE 3435981 C2 19921203; ES 296011 U 19870716; ES 296011 Y 19880116; ES 296417 U 19870816; ES 296417 Y 19880316; ES 296418 U 19870916; ES 296418 Y 19880416; ES 296655 U 19871201; ES 296655 Y 19880516; ES 296655 Y4 19880527; US 4693662 A 19870915

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