

Title (en)

OPERATING ARM FOR EARTH-MOVING AND FOUNDATION MACHINES

Publication

EP 0117261 B1 19850814 (DE)

Application

EP 83101851 A 19830225

Priority

EP 83101851 A 19830225

Abstract (en)

[origin: US4709588A] An operating arm for earth-moving or foundation machines consisting of an upper and a lower arm pivotally connected via a device for equal angular movement for guidance of various tools on a straight-line force path of great length. The direction of this path is variable by means of a force control basic guide lever. If said basic lever is turned during the straight-line movement, superimposing the two movements cause curving of the forced path. If rapid return is provided, excavation may be performed in either one or the other direction and a drilling or ramming tool may be raised or lowered with higher force. Rotation into a load carrying position is provided for excavator buckets.

IPC 1-7

E02F 3/42; **E02F 3/96**

IPC 8 full level

E02F 3/42 (2006.01); **E02F 3/96** (2006.01)

CPC (source: EP US)

E02F 3/42 (2013.01 - EP US); **E02F 3/963** (2013.01 - EP US); **Y10S 414/13** (2013.01 - EP US); **Y10T 74/18928** (2015.01 - EP US); **Y10T 74/20207** (2015.01 - EP US)

Designated contracting state (EPC)

BE DE FR GB IT SE

DOCDB simple family (publication)

EP 0117261 A1 19840905; **EP 0117261 B1 19850814**; DE 3360544 D1 19850919; US 4709588 A 19871201

DOCDB simple family (application)

EP 83101851 A 19830225; DE 3360544 T 19830225; US 48332083 A 19830408