

Title (en)
EARTHMOVING MACHINE

Title (de)
ERDBEWEGUNGSMASCHINE

Title (fr)
ENGIN DE TRAVAUX PUBLICS

Publication
EP 0787235 B1 19990609 (FR)

Application
EP 95933476 A 19951004

Priority
• FR 9501286 W 19951004
• FR 9412648 A 19941018

Abstract (en)
[origin: WO9612069A1] Earthmoving machine with an operating assembly (1) comprising at least three elements (2, 3, 4, 5) that are articulated and angularly deployable in relation to one another, the first (2) being hinged to the chassis (6) while the last (5) consists of a tool; a means for controlling the angular displacement of the elements (2, 3, 4, 5) in relation to one another. The control means comprises hydraulic jacks (7, 11, 13, 15) for changing the angular positioning of two consecutive elements, fluid being supplied to each jack (7, 11, 13, 15) by a distributor (30, 31), and control levers (42, 43) which control the distributors (30, 31). The invention is characterized by the number of control levers (42, 43) which is less than the number of hydraulic jacks (7, 11, 13, 15) and by coupling means (45, 46). Commands to the distributor of two of the jacks (11, 13 - 13, 15) provide simultaneous control thereof with one command from a single control lever (42) so that the tool can be placed at any location within the limits of a given work space.

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IPC 8 full level
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