

Title (en)

CONTROLLER OF CONSTRUCTION MACHINE

Title (de)

STEUERVORRICHTUNG EINER BAUMASCHINE

Title (fr)

ORGANE DE COMMANDE D'ENGIN DE CONSTRUCTION

Publication

**EP 0900887 A4 20000524 (EN)**

Application

**EP 97913472 A 19971128**

Priority

- JP 9704361 W 19971128
- JP 32316196 A 19961203

Abstract (en)

[origin: WO9824985A1] A controller of a construction machine such as a hydraulic shovel which digs the ground has an angle detecting means (20-22) for detecting the posture of an articulated arm mechanism in terms of angle information, a converting means (26) which converts the detected angle information into expansion/contraction displacement information of a corresponding cylinder actuator (120-122) and a control means (1) which controls the actuator (120-122) to have the required expansion/contraction displacement in accordance with the obtained expansion/contraction displacement information. Thus the position and posture of a working member (400) can be accurately and stably controlled while the cost is kept low.

IPC 1-7

**E02F 3/43**

IPC 8 full level

**E02F 3/43** (2006.01); **E02F 9/26** (2006.01); **E02F 9/22** (2006.01)

CPC (source: EP KR)

**E02F 3/437** (2013.01 - EP KR); **E02F 9/2285** (2013.01 - EP KR); **E02F 9/2292** (2013.01 - EP KR); **E02F 9/2296** (2013.01 - EP KR); **E02F 9/26** (2013.01 - EP); **E02F 9/26** (2013.01 - KR)

Citation (search report)

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- [Y] PATENT ABSTRACTS OF JAPAN vol. 016, no. 169 (M - 1239) 23 April 1992 (1992-04-23)
- See references of WO 9824985A1

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Designated contracting state (EPC)

BE DE FR GB IT

DOCDB simple family (publication)

**WO 9824985 A1 19980611**; CA 2242755 A1 19980611; CN 1210570 A 19990310; EP 0900887 A1 19990310; EP 0900887 A4 20000524; JP H10159123 A 19980616; KR 19990081852 A 19991115

DOCDB simple family (application)

**JP 9704361 W 19971128**; CA 2242755 A 19971128; CN 97191997 A 19971128; EP 97913472 A 19971128; JP 32316196 A 19961203; KR 19980705563 A 19980721