

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.

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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)
• [Y] EP 0512584 A2 19921111 - KOMATSU MFG CO LTD [JP]
• [Y] EP 0293057 A2 19881130 - HITACHI CONSTRUCTION MACHINERY [JP]
• [Y] PATENT ABSTRACTS OF JAPAN vol. 018, no. 338 (M - 1628) 27 June 1994 (1994-06-27)
• [Y] PATENT ABSTRACTS OF JAPAN vol. 014, no. 549 (M - 1055) 6 December 1990 (1990-12-06)
• [Y] PATENT ABSTRACTS OF JAPAN vol. 006, no. 157 (M - 150) 18 August 1982 (1982-08-18)
• [Y] PATENT ABSTRACTS OF JAPAN vol. 013, no. 458 (M - 880) 17 October 1989 (1989-10-17)
• [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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