

Title (en)
HYDRAULIC UNIT AND METHOD OF CONTROLLING SPEED OF MOTOR IN HYDRAULIC UNIT

Title (de)
HYDRAULISCHE EINHEIT UND VERFAHREN ZUR STEUERUNG DER DREHZAHL EINES MOTORS IN DER HYDRAULISCHEN EINHEIT

Title (fr)
UNITÉ HYDRAULIQUE ET PROCÉDÉ PERMETTANT DE COMMANDER LA VITESSE DU MOTEUR DANS UNE UNITÉ HYDRAULIQUE

Publication
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Application
EP 07806100 A 20070827

Priority

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- JP 2006233529 A 20060830

Abstract (en)
[origin: EP1965083A1] In the present invention, an oil pressure unit includes an inverter 14 for supplying electric power to a motor 15; a load sensor 17 for detecting a load of the oil pressure pump 16A; a rotation sensor 19 for detecting a rotation speed of the motor 15; a current command value calculation means 12 for calculating a current command value so that a deviation between a speed command value representing a target rotation speed of the motor 15 and a rotation speed of the motor 15 converges to zero; a correction means 18A for correcting the current command value based on the load of the oil pressure pump 16A; and a control signal generation means for outputting a control signal to the inverter 14 based on a corrected current command value.

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Citation (examination)

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