

Title (en)

HYDRAULIC DRIVING DEVICE OF CONSTRUCTION MACHINERY

Title (de)

HYDRAULISCHE ANTRIEBSVORRICHTUNG FÜR BAUMASCHINEN

Title (fr)

DISPOSITIF DE COMMANDE HYDRAULIQUE POUR ENGINS DE CHANTIER

Publication

EP 0553347 B1 19970416 (EN)

Application

EP 90903215 A 19900220

Priority

JP 9000195 W 19900220

Abstract (en)

[origin: WO9113218A1] This invention relates to a hydraulic driving device of a travelling machine or working machine in construction machinery such as a power shovel, a shovel bulldozer, a bulldozer, and so forth. The device includes a hydraulic driving mechanism actuated by oil pressure, a means for supplying the oil pressure to an oil pressure piping arrangement system for this hydraulic driving mechanism and a means for controlling this oil pressure supply means and lowering the oil pressure supply speed in the oil pressure piping arrangement system and based on the oil pressure supply in a predetermined zone after a dead zone in which the oil pressure rises. Accordingly, while the delay of the operation of the hydraulic driving mechanism is prevented, the shock at the start and stop can be prevented.

IPC 1-7

E02F 9/22

IPC 8 full level

E02F 9/22 (2006.01)

CPC (source: EP)

E02F 9/2221 (2013.01); **E02F 9/226** (2013.01); **E02F 9/2296** (2013.01)

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

WO 9113218 A1 19910905; DE 69030507 D1 19970522; DE 69030507 T2 19970925; EP 0553347 A1 19930804; EP 0553347 A4 19930302; EP 0553347 B1 19970416

DOCDB simple family (application)

JP 9000195 W 19900220; DE 69030507 T 19900220; EP 90903215 A 19900220