

Title (en)

Control apparatus for swing type hydraulic shovel

Title (de)

Vorrichtung zum Steuern eines schwenkbaren hydraulischen Baggers

Title (fr)

Dispositif de commande pour un excavateur hydraulique pouvant pivoter

Publication

**EP 1382753 B1 20111221 (EN)**

Application

**EP 03007275 A 20030331**

Priority

JP 2002206298 A 20020715

Abstract (en)

[origin: EP1382753A1] The invention provides a control apparatus for a swing type hydraulic shovel which can carry out a stable hanging work. The apparatus is provided with a mode switching means (33) capable of selecting a hanging work mode, a swing detector (20) for detecting whether or not a working implement (5) is in a swing state, an alarm means (30) for receiving an alarm command from an external portion and generating an alarm, and a controller (32) for judging on a detection signal of the swing detector (20) whether or not the working implement (5) is in a swing state, at a time when a selection command of a hanging work mode is input from the mode switching means (33), and outputting to the alarm means (30) a command that the hanging work mode is not started, if it is in the swing state. <IMAGE>

IPC 8 full level

**E02F 3/38** (2006.01); **E02F 9/24** (2006.01); **B66C 23/36** (2006.01); **B66C 23/88** (2006.01)

CPC (source: EP)

**E02F 3/384** (2013.01); **E02F 9/24** (2013.01)

Citation (examination)

US 2001046433 A1 20011129 - NISHIMURA SATORU [JP], et al

Cited by

ITBO20100659A1; CN112252387A

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

**EP 1382753 A1 20040121**; **EP 1382753 B1 20111221**; CN 1306122 C 20070321; CN 1469018 A 20040121; JP 2004043168 A 20040212; JP 4257722 B2 20090422

DOCDB simple family (application)

**EP 03007275 A 20030331**; CN 03136497 A 20030522; JP 2002206298 A 20020715