

Title (en)  
Control apparatus for excavator machines

Title (de)  
Steuerungsvorrichtung für Aushubmaschinen

Title (fr)  
Appareil de commande pour excavatrices

Publication  
**EP 1870373 A2 20071226 (EN)**

Application  
**EP 07110465 A 20070618**

Priority  
IT UD20060160 A 20060621

Abstract (en)  
A control apparatus (10) for an excavator machine (19), having one or more flexible pipes (13) to collect debris and/or deliver water, and/or to contain hoses for fluid-dynamic and/or electric commands, comprises means (11) to wind/unwind the flexible pipe (13), rotating around an axis (Y) of rotation in order to effect operations to wind/unwind the pipes (13) along an axis or direction (X) of winding/unwinding, variable during said winding/unwinding operations. The winding means (11) is selectively inclined according to the number of revolutions made by the winding means (11) during the operations to wind/unwind the flexible pipes (13).

IPC 8 full level  
**B66D 1/36** (2006.01); **B66C 13/14** (2006.01); **E02F 9/20** (2006.01)

CPC (source: EP)  
**E02F 9/2016** (2013.01); **E02F 9/2275** (2013.01)

Cited by  
WO2023048725A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK YU

DOCDB simple family (publication)  
**EP 1870373 A2 20071226**; **EP 1870373 A3 20080806**; **EP 1870373 A8 20080409**; IT UD20060160 A1 20071222

DOCDB simple family (application)  
**EP 07110465 A 20070618**; IT UD20060160 A 20060621