

Title (en)  
CONTROL LEVER FOR A MANIPULATOR

Title (de)  
STEUERHEBEL FÜR EINEN MANIPULATOR

Title (fr)  
POIGNEE DE COMMANDE POUR MANIPULATEUR

Publication  
**EP 1673791 A1 20060628 (FR)**

Application  
**EP 04791467 A 20041005**

Priority  
• FR 2004002512 W 20041005  
• FR 0311996 A 20031014

Abstract (en)  
[origin: FR2860914A1] The handle (2) has control buttons (15-19) constituted by a lower insulating layer and a superposed upper insulating layer. A lower conducting unit is fixed on the lower insulating layer. An upper conducting unit is located opposite to the buttons. The units contact each other by the pressing of the upper layer by operator. The contact between the units closes an electric circuit for generating an electric control signal. An independent claim is also included for a method of fabrication of a control handle.

IPC 1-7  
**H01H 9/06**; B60K 37/06; E02F 9/20

IPC 8 full level  
**B60K 37/06** (2006.01); **E02F 9/20** (2006.01); **H01H 9/06** (2006.01)

CPC (source: EP US)  
**H01H 9/06** (2013.01 - EP US); **G05G 2009/04774** (2013.01 - EP US); **H01H 2009/066** (2013.01 - EP US); **H01H 2009/068** (2013.01 - EP US); **H01H 2215/004** (2013.01 - EP US); **H01H 2219/036** (2013.01 - EP US); **H01H 2229/028** (2013.01 - EP US)

Citation (search report)  
See references of WO 2005043570A1

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

DOCDB simple family (publication)  
**FR 2860914 A1 20050415**; **FR 2860914 B1 20060414**; CN 1856851 A 20061101; EP 1673791 A1 20060628; JP 2007509465 A 20070412; US 2006278514 A1 20061214; WO 2005043570 A1 20050512

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**FR 0311996 A 20031014**; CN 200480027781 A 20041005; EP 04791467 A 20041005; FR 2004002512 W 20041005; JP 2006534780 A 20041005; US 57015806 A 20060301