

Title (en)  
ROTATABLE AND RETRACTABLE KNOB

Publication  
**EP 0173820 B1 19890920 (DE)**

Application  
**EP 85108403 A 19850706**

Priority  
DE 3427378 A 19840725

Abstract (en)  
[origin: EP0173820A1] 1. A retractable rotary-knob unit for adjusting the switching or control devices disposed behind a switch panel in domestic appliances such as cookers, washing machines or the like, which comprises a rotary knob (1), a compression spring acting in the axial direction on the rotary knob (1), a sleeve-like sliding member (2) formed on the rotary knob (1), a guide sleeve (3) fitted into the sliding member (2) and having a central socket insert (4), and a closed channel (6) provided at one wall side (5) of the guide sleeve and having a detent position (7) for a sliding pin (9), characterised by the following features : the sliding pin (9) is part of a movably mounted separate holder (10), the holder (10) is provided with a pivot pin (11), the pivot pin (11) is guided for pivoting in a bearing (12) provided in the rotary knob (1), associated with the top of the holder (10) is a spring element (13) which is supported against the inner wall of the sliding member (2) and holds the sliding pin (9) in engagement with the channel (6), the spring element (13) is coupled to the pivot pin (11) of the holder (10).

IPC 1-7  
**G05G 1/08**

IPC 8 full level  
**G05G 1/08** (2006.01); **H01H 13/56** (2006.01)

CPC (source: EP)  
**G05G 1/087** (2013.01); **H01H 13/562** (2013.01); **H01H 2003/085** (2013.01)

Cited by  
EP1061429A1; EP2469551A3; FR2698459A1; EP0671681A1; GB2236380A; GB2236380B; US6410871B1

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**DE 3427378 A1 19860130**; DE 3573181 D1 19891026; EP 0173820 A1 19860312; EP 0173820 B1 19890920

DOCDB simple family (application)  
**DE 3427378 A 19840725**; DE 3573181 T 19850706; EP 85108403 A 19850706