

Title (en)
Selector switch with thermostat for baking oven

Title (de)
Backofen-Wahlschalter mit Thermostat

Title (fr)
Sélecteur avec thermostat pour four de cuisson

Publication
EP 0913846 A3 19991222 (DE)

Application
EP 98112074 A 19980630

Priority
DE 29719489 U 19971103

Abstract (en)
[origin: EP0913846A2] The control input is in the form of a rotary element with an input spindle Ä16Ü a switch housing Ä10Ü and an in-line thermostat module Ä20Ü with an input spindle Ä24Ü. The spindle of the switch has a number of cams that operate switch stages for such as power on and indicator activation. As the input is turned, the thermostat spindle turns with it. As this proceeds an axial ramp is engaged and when the full power position of 270 degrees is reached a coupling element is disengaged to prevent further movement of the thermostat.

IPC 1-7
H01H 37/00; **H01H 3/54**

IPC 8 full level
H01H 3/54 (2006.01); **H01H 37/00** (2006.01); **H01H 89/04** (2006.01); **H01H 3/58** (2006.01); **H01H 37/12** (2006.01)

CPC (source: EP)
H01H 89/04 (2013.01); **H01H 3/58** (2013.01); **H01H 37/12** (2013.01)

Citation (search report)
• [Y] EP 0039006 A1 19811104 - EGO ELEKTRO BLANC & FISCHER [DE]
• [YA] WO 9000822 A1 19900125 - ROBERTSHAW CONTROLS CO [US]
• [A] GB 971510 A 19640930 - SMITH & SONS LTD S
• [A] GB 755733 A 19560829 - JOHN DAVIS AND SON DERBY LTD, et al
• [Y] DE 2803768 A1 19781026 - EGO REGELTECH

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0913846 A2 19990506; **EP 0913846 A3 19991222**; **EP 0913846 B1 20040331**; AT E263426 T1 20040415; DE 29719489 U1 19980102; DE 59811090 D1 20040506; ES 2217459 T3 20041101

DOCDB simple family (application)
EP 98112074 A 19980630; AT 98112074 T 19980630; DE 29719489 U 19971103; DE 59811090 T 19980630; ES 98112074 T 19980630