

Title (en)
ELAPSED TIME INDICATOR

Publication
EP 0170484 A3 19860402 (EN)

Application
EP 85305231 A 19850723

Priority
GB 8419578 A 19840801

Abstract (en)
[origin: EP0170484A2] An apparatus for indicating the lapse of a predetermined time period comprises an indicator element (7), which changes from a first state to a second state when an electrical potential difference is applied to it and reverts to the first state when the potential difference falls below a given value, in combination with a circuit with a bleed resistor (9) for controlling as a function of time a potential difference, applied to the indicator element (7). A cell (1) may apply the potential difference. After a certain period of time the cell (1) will be effectively discharged through the bleed resistor (9), the potential difference applied to the indicator element (7) will fall causing it to change state and sign (8) will then be visible. This indicates the end of the time period.

IPC 1-7
G04F 1/00

IPC 8 full level
G09G 3/04 (2006.01); **G04F 1/00** (2006.01); **G04F 10/00** (2006.01)

CPC (source: EP)
G04F 1/005 (2013.01)

Citation (search report)
• [Y] DE 2739819 A1 19790613 - KIENINGER & OBERGFELL
• [Y] DE 2337927 A1 19750213 - HEUER SEN ERNST, et al
• [AP] EP 0135930 A2 19850403 - OMRON TATEISI ELECTRONICS CO [JP]
• [A] DE 3313087 A1 19831103 - SATCHWELL BIRKA [DE]
• [A] PATENTS ABSTRACTS OF JAPAN, vol. 2, no. 77, 17th June 1978, page 3176 E 78; & JP - A - 53 42 777 (DAINI SEIKOSHA K.K.) 18-04-1978

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FR2652660A1; EP0326385A1; US4928700A; WO9106838A3; WO9006564A1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
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DOCDB simple family (application)
EP 85305231 A 19850723; ES 545809 A 19850801; GB 8419578 A 19840801; JP 16782885 A 19850731