

Title (en)
SIGNALLING ELEMENT WITHOUT LAMP

Publication
EP 0022516 B1 19841128 (DE)

Application
EP 80103744 A 19800701

Priority
DE 2928700 A 19790716

Abstract (en)
[origin: US4340817A] A signal element without a lamp for use with signal buttons, toggle switches, control knobs, slide switches and the like which has a moveable member received in the housing member for movement between at least two positions to cause actuation of the part of the element characterized by a fluorescent member consisting of a body of material having an index of refraction >1 and containing fluorescent particles for fluorescently collecting and scattering incident light to create fluorescent light and means for uncoupling concentrated fluorescent light from the fluorescent member to a point of the element in response to a selected position of the moveable member in the housing member. The moveable member may be a push button, a pivotable rocking member or a slide and the fluorescent member may be carried by the moveable member or may be part of the housing, which receives the moveable member.

IPC 1-7
G08B 5/32; **H01H 9/16**

IPC 8 full level
G08B 5/32 (2006.01); **H01H 9/16** (2006.01)

CPC (source: EP US)
G08B 5/32 (2013.01 - EP US); **H01H 9/16** (2013.01 - EP US); **H01H 2219/052** (2013.01 - EP US)

Citation (examination)
• DE 2554226 A1 19770608 - FRAUNHOFER GES FORSCHUNG
• Bergmann/Schäfer, Lehrbuch der Experimentalphysik Bd. III (Optik), 7. Aufl. 1978, S. 162

Cited by
FR2539241A1; EP0117160A1; GB2182493A; FR2589276A1; US4783581A; GB2182493B

Designated contracting state (EPC)
AT BE FR GB IT NL

DOCDB simple family (publication)
EP 0022516 A1 19810121; **EP 0022516 B1 19841128**; AT E10551 T1 19841215; DE 2928700 A1 19810219; JP S5615513 A 19810214; US 4340817 A 19820720

DOCDB simple family (application)
EP 80103744 A 19800701; AT 80103744 T 19800701; DE 2928700 A 19790716; JP 9743180 A 19800716; US 16107880 A 19800619