

Title (en)
Signal light

Title (de)
Meldeleuchte

Title (fr)
Signal lumineux

Publication
EP 1345189 A3 20031217 (DE)

Application
EP 03005210 A 20030308

Priority
DE 10210919 A 20020313

Abstract (en)
[origin: EP1345189A2] The signaling light has a housing (1) with electrical conductor parts (4), a LED (12) arranged in a light rod (5) with a transparent light cap (9) whose internal surface (14) facing the LED has a fine bubble structure. At least the light cap of the light rod is colored with a milky color. At least the cap can be colored with a fluorescent milky color.

IPC 1-7
G08B 5/36; **F21V 5/02**

IPC 8 full level
F21S 8/00 (2006.01); **F21V 5/02** (2006.01); **G08B 5/36** (2006.01); **F21V 25/02** (2006.01); **F21Y 115/10** (2016.01)

CPC (source: EP US)
F21S 8/00 (2013.01 - EP US); **F21V 25/02** (2013.01 - EP US); **F21W 2111/00** (2013.01 - EP US); **F21Y 2115/10** (2016.07 - EP US);
Y10S 362/80 (2013.01 - EP US)

Citation (search report)
• [Y] US 6068383 A 20000530 - ROBERTSON ROGER [US], et al
• [Y] US 4600977 A 19860715 - BARLIAN REINHOLD [DE], et al
• [A] DE 2557808 A1 19770630 - SIEMENS AG
• [A] EP 0883195 A1 19981209 - BARR & STROUD LTD [GB]

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 PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1345189 A2 20030917; **EP 1345189 A3 20031217**; **EP 1345189 B1 20050119**; AT E287565 T1 20050215; AU 2003200962 A1 20031002;
AU 2003200962 B2 20080508; BR 0300494 A 20040810; BR PI0300494 B1 20161018; CA 2421908 A1 20030913; CA 2421908 C 20090310;
CN 100416159 C 20080903; CN 1455144 A 20031112; DE 10210919 A1 20031016; DE 10210919 B4 20060727; DE 50300255 D1 20050224;
LT 2003021 A 20030925; LT 5071 B 20031125; LV 13092 B 20040420; MY 134212 A 20071130; NO 20031113 D0 20030311;
NO 20031113 L 20030915; NO 333563 B1 20130708; PL 202192 B1 20090630; PL 359139 A1 20030922; RU 2314567 C2 20080110;
SG 115524 A1 20051028; US 2003210552 A1 20031113; US 7134770 B2 20061114

DOCDB simple family (application)
EP 03005210 A 20030308; AT 03005210 T 20030308; AU 2003200962 A 20030312; BR 0300494 A 20030312; CA 2421908 A 20030313;
CN 03142321 A 20030313; DE 10210919 A 20020313; DE 50300255 T 20030308; LT 2003021 A 20030306; LV 030031 A 20030312;
MY PI20030849 A 20030312; NO 20031113 A 20030311; PL 35913903 A 20030313; RU 2003106165 A 20030305; SG 200301186 A 20030313;
US 38781603 A 20030313