

Title (en)
ILLUMINATED SIGN SYSTEM

Title (de)
LICHTANZEIGESYSTEM

Title (fr)
ENSEIGNE LUMINEUSE

Publication
EP 1050036 A2 20001108 (EN)

Application
EP 99902801 A 19990129

Priority
• IL 9900061 W 19990129
• IL 12312398 A 19980129

Abstract (en)
[origin: WO9939319A2] A sign system including a series-string connection of LED's, and a Zener diodeshunting a group of LED's in the series-string connection of LED's.

IPC 1-7
G09F 1/00

IPC 8 full level
F21K 99/00 (2010.01); **G09F 9/33** (2006.01); **G09F 13/04** (2006.01)

CPC (source: EP US)
F21K 9/00 (2013.01 - EP US); **G09F 9/33** (2013.01 - EP); **G09F 13/0404** (2013.01 - EP US); **G09F 13/0472** (2021.05 - EP);
H05B 45/3725 (2020.01 - EP US); **H05B 45/40** (2020.01 - EP US)

Citation (search report)
See references of WO 9939319A2

Cited by
US9142151B2

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

DOCDB simple family (publication)
WO 9939319 A2 19990805; **WO 9939319 A3 20000309**; AU 2297499 A 19990816; EP 1050036 A2 20001108; IL 123123 A0 19980924;
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