

Title (en)
Green energy sign lamp

Title (de)
Schilderleuchte für grüne Energie

Title (fr)
Lampe d'enseigne à énergie verte

Publication
EP 2413025 A1 20120201 (EN)

Application
EP 10171302 A 20100729

Priority
EP 10171302 A 20100729

Abstract (en)
A green energy sign lamp (30) includes a lamp box (31) and a wind power generation device (32). The lamp box (31) includes an LED light emitting source (311), at least one advertising billboard (315), a current conversion module (312) and a battery (313). The LED light emitting source (311), the current conversion module (312) and the battery (313) are installed in the lamp box (31), and the advertising billboard (315) is installed on a side of the lamp box (31). A support stand (316) on a lateral side of the lamp box (31) is provided for installing the wind power generation device (32) axially, and a fixed portion (317) on another lateral side of the lamp box (31) is provided for fixing the lamp box (31), so that electric energy produced by the wind power generation device (32) starts up the LED light emitting source (311) to emit light to achieve an advertising effect, or the electric energy is charged into the battery (313) for its use when there is no wind.

IPC 8 full level
F21S 9/04 (2006.01); **G09F 13/04** (2006.01); **F21W 131/107** (2006.01); **F21Y 101/02** (2006.01)

CPC (source: EP US)
G09F 13/04 (2013.01 - EP); **G09F 13/22** (2013.01 - EP); **G09F 19/22** (2013.01 - EP); **G09F 19/226** (2013.01 - EP US); **G09F 27/007** (2013.01 - EP)

Citation (search report)

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Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)
BA ME RS

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