

Title (en)

Outdoor luminaire with a device for securing it to a mast.

Title (de)

Aussenleuchte mit einer Vorrichtung zur Mastbefestigung.

Title (fr)

Lampadaire avec dispositif de fixation à un mât.

Publication

**EP 0652401 A3 19950705 (DE)**

Application

**EP 94112387 A 19940808**

Priority

DE 4327964 A 19930819

Abstract (en)

[origin: EP0652401A2] Outdoor luminaires are secured to different shapes of masts and are often adjusted at a predetermined inclination angle (  $\alpha$  ) relative to the horizontal. For this multiplicity of arrangements, a device for securing masts is to be provided which can be used in a versatile manner and which permits simple mounting of the luminaire. For this purpose, the luminaire housing (10) has a domed bearing surface (13) which surrounds the luminaire opening (11) on the mast side and which has a predetermined radius (R) parallel to a vertical cross-sectional plane which contains the axis of the luminous means. A connection piece (20) serving to secure the luminaire (1) to the mast end (31) has a securing flange (23) which is bent according to this bearing surface and which is placed in the form of a collar around the tube flange (pipe flange) (21), and in each case one elongate hole (24) for receiving a securing screw (14) is provided in the domed part of the securing flange, on both sides of the tube flange. In this way, the connection piece is secured to the luminaire housing in a manner such that it is displaceable by a predetermined angular range (  $\alpha$  ) relative to the bearing surface and covers the luminaire opening in every position. Mounting of luminaires for attachment to and on masts. <IMAGE>

IPC 1-7

**F21V 21/10**

IPC 8 full level

**F21V 21/10** (2006.01); **F21V 21/116** (2006.01)

CPC (source: EP)

**F21V 21/116** (2013.01); **F21S 8/08** (2013.01); **F21W 2131/103** (2013.01)

Citation (search report)

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- [Y] DE 1120593 B 19611228 - WESTINGHOUSE ELECTRIC CORP
- [AD] DE 3237892 C2 19870917
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Designated contracting state (EPC)

AT CH DE FR GB IT LI NL

DOCDB simple family (publication)

**EP 0652401 A2 19950510; EP 0652401 A3 19950705; EP 0652401 B1 19980701**; AT E167927 T1 19980715; DE 59406365 D1 19980806

DOCDB simple family (application)

**EP 94112387 A 19940808**; AT 94112387 T 19940808; DE 59406365 T 19940808