

Title (en)
HEATER

Title (de)
HEIZER

Title (fr)
DISPOSITIF DE CHAUFFAGE

Publication
EP 3700296 A1 20200826 (EN)

Application
EP 19207350 A 20191106

Priority
JP 2019029278 A 20190221

Abstract (en)
A heater according to an embodiment includes a tubular portion, a coil which is provided inside the tubular portion and extends along a tube axis of the tubular portion, and a coating which is provided on an outer surface of the tubular portion and in which a first film and a second film having a higher refractive index than a refractive index of the first film are alternately superposed. A gas containing krypton as a main component or a gas containing xenon as a main component is sealed inside the tubular portion. When a tube outer diameter of the tubular portion is set to D (mm) and a wall thickness of the tubular portion is set to T (mm), the following expression is satisfied: $T/D \geq 0.09$ and $D \geq 11.8$ mm.

IPC 8 full level
H05B 3/00 (2006.01); **H05B 3/44** (2006.01)

CPC (source: EP)
H05B 3/008 (2013.01); **H05B 3/44** (2013.01); **H05B 2203/032** (2013.01)

Citation (search report)

- [Y] EP 2924713 A1 20150930 - TOSHIBA LIGHTING & TECHNOLOGY [JP]
- [Y] EP 2159824 A2 20100303 - USHIO ELECTRIC INC [JP]
- [Y] JP 2005019317 A 20050120 - TOSHIBA LIGHTING & TECHNOLOGY, et al

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 RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3700296 A1 20200826; JP 2020136118 A 20200831

DOCDB simple family (application)
EP 19207350 A 20191106; JP 2019029278 A 20190221