

Title (en)
A VOICE SPLITTER

Title (de)
STIMMENSPLITTER

Title (fr)
DIVISEUR DE VOIX

Publication
EP 3109954 A1 20161228 (EN)

Application
EP 16175359 A 20160620

Priority
CN 201520424509 U 20150618

Abstract (en)
This utility model discloses a voice splitter, comprising: a circuit board, an insulation housing provided on said circuit board and a gas discharge tube mounted on said circuit board and contained within said insulation housing. An observation window is formed in a location on said insulation housing near said gas discharge tube, and a door panel is provided on said insulation housing which may be opened and closed for the purpose of opening and closing said observation window. Therefore, when this observation window is opened, one may easily observe whether or not the gas discharge tube has failed, which is convenient in terms of servicing and maintenance. In addition, in some embodiments of the present invention, a thermochromic coating layer, the colour of which changes when exposed to heat, is coated either on the outer wall of the insulation housing near the gas discharge tube or on the outer wall of the door panel. Thus, it is possible, by observing changes to the colour of the thermochromic coating layer, to directly perceive whether the gas discharge tube has failed, which is convenient in terms of servicing and maintenance.

IPC 8 full level
H01T 4/04 (2006.01); **H05K 5/02** (2006.01)

CPC (source: EP)
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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 RS SE SI SK SM TR

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