

Title (en)
VACUUM SWITCH WITH HELICAL ELECTRICAL CONDUCTORS

Publication
EP 0102317 A3 19861015 (DE)

Application
EP 83730079 A 19830819

Priority
DE 3232708 A 19820831

Abstract (en)
[origin: US4516004A] A vacuum switching tube having an evacuated housing in which contacts are disposed movable relative to each other and an improved current lead for such a vacuum tube are disclosed. The current lead comprises a core and a jacket surrounding the core. The core is made of a material with low electric conductivity compared to the jacket and has a helical outer contour. The core can be made by twisting a rod of polygonal or star-shaped cross section. A jacket of a material with relatively high electrical conductivity and with a smooth cylindrical outer contour is applied to the core. The jacket is joined to the core firmly without space between them or is made in one piece with the core.

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H01H 33/66

IPC 8 full level
H01H 33/66 (2006.01); **H01H 33/664** (2006.01)

CPC (source: EP US)
H01H 33/664 (2013.01 - EP US); **H01H 33/6645** (2013.01 - EP US)

Citation (search report)

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DE102017222943A1; WO2019115132A1; US11145471B2; DE102020211516A1; WO2022053410A1

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