

Title (en)
Vacuum valve and vacuum circuit breaker utilizing said vacuum valve

Title (de)
Vakuumschalter

Title (fr)
Interrupteur sous vide

Publication
EP 0718860 A3 19971022 (EN)

Application
EP 95119341 A 19951207

Priority
JP 31976594 A 19941222

Abstract (en)
[origin: EP0718860A2] To provide a low cost and a high reliable vacuum valve which can improve the production efficiency and the vacuum tightness of the vacuum valve, and a vacuum circuit breaker using the vacuum valve. Inside a insulating housing 1, a pair of separable conductors in the central axial direction of the sealed vacuum vessel composed of a stationary conductor 3 and amovable conductor 5 are disposed. A stationary conductor 3 having an external surface being broader than a contact area of the separable conductors 3, 5 is jointed to the lower end portion 1B of the insulating housing 1 and the lower end portion 1B of the insulating housing 1 is sealed thereby. <IMAGE>

IPC 1-7
H01H 33/66

IPC 8 full level
H01H 33/666 (2006.01); **H01H 9/52** (2006.01); **H01H 33/66** (2006.01)

CPC (source: EP KR)
H01H 33/66 (2013.01 - KR); **H01H 33/666** (2013.01 - EP); **H01H 9/52** (2013.01 - EP); **H01H 33/66207** (2013.01 - EP); **H01H 2033/66215** (2013.01 - EP); **H01H 2033/66223** (2013.01 - EP); **H01H 2033/66276** (2013.01 - EP)

Citation (search report)
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• [Y] US 3021407 A 19620213 - EMMETT JENNINGS JO
• [Y] US 4587390 A 19860506 - GRAY KEITH I [US]
• [A] US 4672156 A 19870609 - BASNETT ROBERT T [US]

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EP1742242A1; DE19902498A1; DE19902498C2

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 0718860 A2 19960626; **EP 0718860 A3 19971022**; CN 1047463 C 19991215; CN 1133416 A 19961016; KR 100242330 B1 20000201; KR 960025890 A 19960720; TW 373207 B 19991101

DOCDB simple family (application)
EP 95119341 A 19951207; CN 95121120 A 19951221; KR 19950072339 A 19951222; TW 84113118 A 19951208