

Title (en)

PRESSURISED-GAS CIRCUIT BREAKER WHICH CAN BE ASSEMBLED AND DISASSEMBLED WITHOUT APPRECIABLE GAS LOSSES

Publication

EP 0171657 B1 19890111 (FR)

Application

EP 85109145 A 19850723

Priority

FR 8411787 A 19840725

Abstract (en)

[origin: US4612428A] The circuit breaker comprises first (2A) and second (2B) compressed-gas-filled enclosures, said first enclosure containing fixed contacts and a moving assembly comprising contacts cooperating with said fixed contacts, which moving assembly is movable by means of a control rod (12), said second enclosure containing a connecting rod (30) articulated on a crank (40) swivelling about a shaft (41) going through the housing of the control mechanism and connected on the outside of said housing with rotational driving means, said first and second enclosures (2A, 2B) being coaxially superposed and attached together when the circuit breaker is assembled, rods (12) and (30) being fast end to end, the moving assembly then having an operating stroke going from a first position where the breaker is open to a second position where the breaker is closed. The moving assembly can be moved beyond said second, closed breaker position by an overstroke obtained by an increased rotation of said shaft (41), the latter having means for locking it in overstroke position, said first enclosure comprising a sliding, tubular air lock (50) able, when the moving assembly is in overstroke position, to assume a position sealingly closing off said first enclosure.

IPC 1-7

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IPC 8 full level

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