

Title (en)

Electromagnetic switchgear with deionisation devices.

Title (de)

Elektromagnetisches Schaltgerät mit Deionisierungseinrichtungen.

Title (fr)

Appareil de commutation électromagnétique avec des dispositifs de déionisation.

Publication

EP 0505794 B1 19951115 (DE)

Application

EP 92103912 A 19920307

Priority

DE 4109717 A 19910325

Abstract (en)

[origin: EP0505794A1] An electromagnetic switching apparatus is described having an electromagnetic drive which is arranged in a multi-part housing, having switching contacts which are accommodated in a switching space, and having deionising devices which are allocated to the switching contacts and have arc splitters (51) which form an extinguishing chamber (50), and having an essentially U-shaped commutation plate (7) which is accommodated in a dome-like housing upper part which can be closed by means of a cover (4). The arc splitters, which are assembled by means of insulating plates (52) to form a stack and are inserted into the housing chambers, are pressed and clamped-in in a sprung manner against the wall of the housing upper part by means of end limbs of the commutating plates which are bent in a double U-shape. <IMAGE>

IPC 1-7

H01H 9/34

IPC 8 full level

H01H 9/34 (2006.01); **H01H 9/36** (2006.01); **H01H 9/46** (2006.01); **H01H 50/00** (2006.01)

CPC (source: EP)

H01H 9/34 (2013.01); **H01H 9/342** (2013.01); **H01H 9/345** (2013.01); **H01H 9/36** (2013.01); **H01H 9/46** (2013.01); **H01H 50/002** (2013.01); **H01H 2009/347** (2013.01); **H01H 2300/042** (2013.01)

Cited by

DE19814411C1; EP2747107A1; US6191377B1; US9330866B2; WO9950867A1; WO9838712A3

Designated contracting state (EPC)

AT BE CH DE ES FR GB LI SE

DOCDB simple family (publication)

EP 0505794 A1 19920930; **EP 0505794 B1 19951115**; AT E130461 T1 19951215; DE 4109717 C1 19920903; DE 59204295 D1 19951221

DOCDB simple family (application)

EP 92103912 A 19920307; AT 92103912 T 19920307; DE 4109717 A 19910325; DE 59204295 T 19920307