

Title (en)
DEVICE FOR THE GALVANIC INSULATION BETWEEN A PULSE GENERATOR AND A LOAD

Publication
EP 0165640 B1 19890920 (FR)

Application
EP 85200912 A 19850611

Priority
FR 8409410 A 19840615

Abstract (en)
[origin: US4721863A] A circuit for providing a DC isolation between a pulse generator (E) and a load (CH) of the kind comprising a primary circuit (2), a secondary circuit (4) and at least one magnetization current elimination circuit (12) on the secondary side, characterized in that it is provided on the primary side with at least one unidirectional transmission circuit (15) which causes the pulses to pass and causes the magnetization current forcibly to be dissipated through the secondary in the circuit (12) for eliminating the said magnetization current and with at least one circuit (18) for attenuating the transient phenomena due to the commutation thus protecting the pulse generator (E).

IPC 1-7
H01F 15/18; **H03K 17/64**

IPC 8 full level
H01F 27/42 (2006.01)

CPC (source: EP US)
H01F 27/42 (2013.01 - EP US); **H01F 2019/085** (2013.01 - EP US)

Cited by
US5196845A; US6028422A; EP0365939A1; FR2638231A1; WO9836432A1

Designated contracting state (EPC)
BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0165640 A1 19851227; **EP 0165640 B1 19890920**; DE 3573189 D1 19891026; FR 2566169 A1 19851220; FR 2566169 B1 19870417; JP S6116506 A 19860124; US 4721863 A 19880126

DOCDB simple family (application)
EP 85200912 A 19850611; DE 3573189 T 19850611; FR 8409410 A 19840615; JP 12637385 A 19850612; US 73935685 A 19850530