

Title (en)

Two exits switching circuit, its circuit, and its control process of power delivered to the switching circuit exits

Title (de)

Umkehrschaltkreis mit zwei Ausgängen und Stromkreis und Verfahren der zur Kontrolle der in die Ausgänge des Umkehrschalters eingespeisten Leistung

Title (fr)

Circuit de commutation à deux sorties, son circuit électrique et son procédé de commande de la puissance fournie aux sorties du circuit de commutation

Publication

EP 0986287 A3 20000809 (DE)

Application

EP 99117713 A 19990908

Priority

ES 9801895 A 19980908

Abstract (en)

[origin: EP0986287A2] The inversion circuit has two outputs and contains an asymmetrical three-phase H bridge, defined by a common branch and two mutually independent branches contg. power semiconductors (S1-S6) and two changeover switches (R1,R2). The switches change the topology when activated to supply one of the loads independently or both simultaneously. An arrangement (C1,C2) for reducing the current is connected between each load and the common branch in the power semiconducting stage. Independent claims are also included for a circuit and method for monitoring the power supplied to the loads connected to the two outputs.

IPC 1-7

H05B 6/06

IPC 8 full level

H05B 6/06 (2006.01)

CPC (source: EP)

H05B 6/065 (2013.01)

Citation (search report)

- [A] EP 0844807 A1 19980527 - BALAY SA [ES]
- [A] EP 0717581 A1 19960619 - BALAY SA [ES]
- [A] WO 9832310 A1 19980723 - INDUCED ENERGY LTD [GB], et al
- [A] US 4885447 A 19891205 - SANCHEZ GONZALEZ JUAN [ES]

Cited by

EP2753147A3; FR2966688A1; EP2445306A3; EP1194008A3; EP1194011A3; CN110476479A; EP3612004A4; WO2011055283A1; EP2445306A2; US9554426B2; US9572201B2; WO2024094654A1; WO2011113660A1; EP2692205A1; WO2011051856A1; US10925122B2; WO2024046629A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0986287 A2 20000315; EP 0986287 A3 20000809; ES 2143430 A1 20000501; ES 2143430 B1 20001216

DOCDB simple family (application)

EP 99117713 A 19990908; ES 9801895 A 19980908