

Title (en)

On load tap changing transformer

Title (de)

Unter Last umschaltbarer Stufentransformator

Title (fr)

Système de changement de prise transformateur en charge

Publication

**EP 1619698 A3 20060301 (FR)**

Application

**EP 05106611 A 20050719**

Priority

FR 0451585 A 20040720

Abstract (en)

[origin: EP1619698A2] The system has a main switching circuit (I2) associated with an auxiliary transformer that permits connection of an output terminal (b2) to one of taps (p0-p2) of a secondary winding of the transformer. Two secondary switching circuits (I1, I3) connect the taps (p1, p2) directly to the terminal in a transient manner, respectively. Each of the circuits has an insulated gate bipolar transistor, and is controlled by a central control circuit.

IPC 8 full level

**H01F 29/04** (2006.01)

CPC (source: EP US)

**H01F 29/04** (2013.01 - EP US)

Citation (search report)

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- [A] WO 0122447 A1 20010329 - ABB AB [SE], et al
- [A] US 5969511 A 19991019 - ASSELMAN PAULUS G J M [NL], et al
- [A] PATENT ABSTRACTS OF JAPAN vol. 1997, no. 03 31 March 1997 (1997-03-31) & DATABASE WPI Week 199703, Derwent World Patents Index; AN 1997-026938, XP002319314

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CN105319420A; CN105425002A; CN105424995A; CN110620001A; US8519682B2; WO2007101849A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1619698 A2 20060125; EP 1619698 A3 20060301; EP 1619698 B1 20080903**; AT E407438 T1 20080915; DE 602005009442 D1 20081016; FR 2873489 A1 20060127; FR 2873489 B1 20061006; US 2006039171 A1 20060223; US 7355369 B2 20080408

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