

Title (en)

Method and device for the determination of the breakdown voltage in the ignition of an internal-combustion engine

Title (de)

Verfahren und Vorrichtung zur Bestimmung der Durchbruchspannung bei der Zündung einer Brennkraftmaschine

Title (fr)

Procédé et dispositif pour la détermination de la tension de claquage de l'allumage d'un moteur à combustion interne

Publication

EP 0969204 A3 20020612 (DE)

Application

EP 99110438 A 19990529

Priority

DE 19829583 A 19980702

Abstract (en)

[origin: DE19829583C1] Gives qualitative measurement of voltage. The method determines the breakthrough time point (T1) and from this obtains the breakthrough voltage (Uz). The particular time-dependent voltage characteristic line without breakthrough is taken as reference. The detected breakthrough instant (T1) is compared with this and the breakthrough voltage determined.

IPC 1-7

F02P 17/12; **F02P 3/04**

IPC 8 full level

F02P 17/12 (2006.01); **H01T 13/60** (2011.01)

CPC (source: EP US)

F02P 17/12 (2013.01 - EP US); **H01T 13/60** (2013.01 - EP US)

Citation (search report)

- [X] US 5492007 A 19960220 - NOBLE GARDINER A [US], et al
- [X] US 4846129 A 19890711 - NOBLE GARDINER A [US]
- [DA] DE 4303030 A1 19930902 - COLTEC IND INC [US]
- [A] US 5513620 A 19960507 - PYKO JAN S [US], et al

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EP1892408A1

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)

DE 19829583 C1 19991007; EP 0969204 A2 20000105; EP 0969204 A3 20020612; US 6357428 B1 20020319

DOCDB simple family (application)

DE 19829583 A 19980702; EP 99110438 A 19990529; US 34658299 A 19990702