

Title (en)
FINAL IGNITION STAGE OF A TRANSISTOR IGNITION INSTALLATION

Title (de)
ZÜNDENDSTUFE EINER TRANSISTOR-ZÜNDANLAGE

Title (fr)
ETAGE FINAL D'ALLUMAGE D'UN ALLUMEUR TRANSISTORISE

Publication
EP 0444043 B1 19960327 (DE)

Application
EP 89908688 A 19890805

Priority
• DE 8900516 W 19890805
• DE 3839039 A 19881118

Abstract (en)
[origin: WO9005848A1] A final ignition stage of a transistor ignition installation (1) comprises a Darlington transistor (DT) which has a collector-emitter circuit in which the primary current (ISP) of an ignition coil (ZS) flows and which is controlled by a base line (2). A control transistor (T1) arranged between the base line (2) for base contact of the Darlington transistor (DT) and earth is actuated in function of the magnitude of the coil primary current (ISP) and derives the base current flowing in the Darlington transistor in order to partially limit the current with respect to earth. This results in a simple, economical circuit for limiting the coil primary current and hence the stored ignition energy.

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F02P 3/05

IPC 8 full level
F02P 3/05 (2006.01)

CPC (source: EP KR US)
F02P 3/05 (2013.01 - KR); **F02P 3/051** (2013.01 - EP US)

Citation (examination)
• EP 0307325 A1 19890315 - SGS THOMSON MICROELECTRONICS [FR]
• EP 0359851 A1 19900328 - MITSUBISHI ELECTRIC CORP [JP]

Designated contracting state (EPC)
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DOCDB simple family (publication)
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