

Title (en)
GLOW PLUG

Publication
EP 0392181 B1 19930602 (DE)

Application
EP 90103956 A 19900301

Priority
DE 3911492 A 19890408

Abstract (en)
[origin: EP0392181A1] The invention proposes a glow plug for arrangement in the combustion chamber of a diesel internal-combustion engine, which has improved regulating behaviour and, in particular, a shorter preliminary glow time in comparison to conventional glow plugs. To achieve this, the invention provides a transition zone (10) in that region of the glow plug which is on the combustion-chamber side, more specifically between the heating coil (7) arranged there and the regulating coil (8), the transition zone being formed by an insulating powder of low thermal conductivity arranged in this region and preventing the heat generated in the heating coil (7) from reaching the regulating coil (8) too quickly. <IMAGE>

IPC 1-7
F23Q 7/00

IPC 8 full level
F23Q 7/00 (2006.01); **F02B 3/06** (2006.01)

CPC (source: EP)
F23Q 7/001 (2013.01); **F02B 3/06** (2013.01)

Cited by
EP2840314A4; EP0602745A1; CN110148504A; US9702556B2

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 0392181 A1 19901017; **EP 0392181 B1 19930602**; DE 3911492 A1 19901011; DE 59001591 D1 19930708; JP 2793005 B2 19980903; JP H02293524 A 19901204

DOCDB simple family (application)
EP 90103956 A 19900301; DE 3911492 A 19890408; DE 59001591 T 19900301; JP 8925990 A 19900405