

Title (en)  
PULSE GENERATOR

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**EP 0301469 A3 19890913 (DE)**

Application  
**EP 88112006 A 19880726**

Priority  
• DE 3724898 A 19870728  
• DE 3739296 A 19871120

Abstract (en)  
[origin: EP0301469A2] The invention relates to a pulse generator having an operating element which can be moved by a gearwheel over a latching projection, and which, when displaced, can operate contact springs fitted on the sides. A relatively large spacing is required on the sides between the contact springs and the operating element, which is bent from a metal strip of sprung material, in order to prevent a short-circuit between the two mutually opposite contact springs on the sides. This necessitates a dead angle of rotation through which the gearwheel must be rotated before operation of a contact spring is possible. In addition, a separate latching spring is provided and is used to define the rest positions of the gearwheel. <??>The operating element (10) is produced from dielectric material and is pressed against the gearwheel (4) by a compression spring (12). The compression spring is also used as the latching spring. <??>The pulse generator is particularly suitable for the emission of current or voltage pulses for adjusting the frequency of digitally adjustable devices. <IMAGE>

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**H01H 19/00**

IPC 8 full level  
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CPC (source: EP US)  
**H01H 19/005** (2013.01 - EP US); **H01H 2019/006** (2013.01 - EP US)

Citation (search report)  
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• [Y] DE 1929087 A1 19701223 - THALER JAKOB  
• [AP] FR 2595002 A1 19870828 - ITT COMPOSANTS INSTR [FR]  
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**EP 0301469 A2 19890201**; **EP 0301469 A3 19890913**; DE 3739296 A1 19890209; US 4894494 A 19900116

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