

Title (en)  
Idle speed control apparatus for engine

Title (de)  
Leerlaufdrehzahlsteuergerät für einen Verbrennungsmotor

Title (fr)  
Appareil de régulation de la vitesse de ralenti pour un moteur à combustion

Publication  
**EP 0915245 B1 20030507 (EN)**

Application  
**EP 98121045 A 19981105**

Priority  
JP 30430897 A 19971106

Abstract (en)  
[origin: EP0915245A2] An apparatus for controlling the idle speed of an engine (2) is disclosed. The apparatus includes an electric control unit (ECU) (71) for controlling the engine speed, an air conditioner switch (65) for detecting application and removal of an external engine load, or air conditioner (37), and sensors (36, 66, 77) for detecting that the engine (2) is idling when the vehicle is stationary and when the vehicle is moving. The ECU (71) gradually increases the engine speed by a predetermined amount to shift the engine (2) to a raised idle state when the external engine load (37) is applied and gradually decreases the engine speed by the predetermined amount when the external engine load (37) is removed. The ECU (71) adjusts the engine speed at a certain rate when the vehicle is stationary and at a different rate when the vehicle is traveling. <IMAGE>

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Cited by  
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