

Title (en)  
DEVICE FOR DETECTING THE POSITION OR CONDITION OF A TARGET

Title (de)  
GERÄT ZUR ERFASSUNG DER POSITION ODER DES ZUSTANDES EINES ZIELES

Title (fr)  
APPAREIL DE DETECTION DE LA POSITION OU DE L'ETAT D'UNE CIBLE

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Application  
**EP 97918216 A 19970414**

Priority  
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Abstract (en)  
[origin: WO9847021A1] Disclosed is a device for detecting, without contact, a target such as a vibrating body or cyclic movement, in order to determine its position or condition. Said device comprises a transmitter (2) which transmits a signal at a given frequency, and a receiver (2) of the echo of this signal on the target to be determined. The transmitter and receiver (2) are constituted of the same single part; the signal transmitted and the echo received defined the standing-wave ratio. The device further comprises means (3 to 5) for analyzing the standing-wave ratio. The invention can be used to measure the transmission belt tension, or the engine speed of an electric-ignition engine, etc.

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