

Title (en)  
RADAR TELEMETER.

Title (de)  
RADAR-ABSTANDSMESSGERÄT.

Title (fr)  
TELEMETRE-RADAR.

Publication  
**EP 0669006 A1 19950830 (DE)**

Application  
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Priority  
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Abstract (en)  
[origin: US5659321A] PCT No. PCT/EP94/03044 Sec. 371 Date May 10, 1995 Sec. 102(e) Date May 10, 1995 PCT Filed Sep. 12, 1994 PCT Pub. No. WO95/08128 PCT Pub. Date Mar. 23, 1995A conventional radar module (1) for level measurements is designed for operation within a specific, narrowly restricted frequency range. To enable level measurements to be implemented at a substantially higher frequency without involving any change in the existing radar module (1) whatsoever, a frequency converter circuit (2) is inserted between the duplexer antenna (7) designed for said higher frequency and the antenna port (A) of the radar module (1). This frequency converter circuit (2) which can be realized at small expense converts the lower frequency into the higher frequency in the direction from the radar module (1) to the antenna (7) and the higher frequency into the lower frequency in the opposite direction.

IPC 1-7  
**G01S 13/88**; **G01S 7/03**; **H03D 9/06**

IPC 8 full level  
**G01F 23/284** (2006.01); **G01S 7/03** (2006.01); **G01S 7/28** (2006.01); **G01S 13/08** (2006.01); **G01S 13/88** (2006.01); **H03D 9/00** (2006.01); **H03D 9/06** (2006.01); **G01S 7/02** (2006.01); **G01S 13/34** (2006.01)

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