

Title (en)  
Vibrating device alarm clock

Title (de)  
Weckeruhr mit vibrierender Vorrichtung

Title (fr)  
Montre réveil à dispositif vibratoire

Publication  
**EP 0887717 A1 19981230 (EN)**

Application  
**EP 98830361 A 19980611**

Priority  
IT LU970011 A 19970619

Abstract (en)  
An alarm clock comprising a driving assembly and a vibrating device (1) placed in a remote position, the driving assembly comprising a clock and a transmitter of a driving signal timed by the clock. The vibrating device (1) comprises a receiving element (3) responsive to the signal, vibrating elements (4) electrically connected to the receiving element (3) and operated by it in response to the signal, and electric feed means (10) electrically connected to the vibrating elements and to the receiving element (3). The vibrating device (1) is placeable in a portion of the bed which comes into contact with a person asleep on the bed itself to wake him up by means of its vibration. <IMAGE>

IPC 1-7  
**G04G 13/02**

IPC 8 full level  
**G04G 13/02** (2006.01)

CPC (source: EP)  
**G04G 13/021** (2013.01)

Citation (search report)

- [XY] US 4093944 A 19780606 - MUNCHERYAN HRAND M
- [Y] US 5144600 A 19920901 - CHENG PETER S C [CA]
- [Y] PATENT ABSTRACTS OF JAPAN vol. 016, no. 522 (P - 1445) 27 October 1992 (1992-10-27)
- [Y] PATENT ABSTRACTS OF JAPAN vol. 018, no. 109 (E - 1513) 22 February 1994 (1994-02-22)

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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**EP 0887717 A1 19981230**; IT 1298480 B1 20000110; IT LU970011 A0 19970619; IT LU970011 A1 19981219

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