

Title (en)  
An integrated real time clock circuit

Title (de)  
Integrierte Zeitgeberschaltung

Title (fr)  
Circuit intégré d'horloge à temps réel

Publication  
**EP 2708962 A1 20140319 (EN)**

Application  
**EP 12184873 A 20120918**

Priority  
EP 12184873 A 20120918

Abstract (en)  
An integrated circuit, IC, (1) comprising an integrated Real Time Clock, RTC, unit (2) adapted to provide a precise real time (PRT), said integrated circuit (1) comprising at least one embedded multizone receiver (4) adapted to receive external synchronization signals transmitted on predetermined signal frequencies, wherein a current real time of said RTC unit (2) is corrected according to time information carried in said received external synchronization signal having the highest signal strength to provide said precise real time (PRT).

IPC 8 full level  
**G04R 20/04** (2013.01)

CPC (source: EP)  
**G04R 20/04** (2013.01)

Citation (search report)  
• [X] EP 2073081 A1 20090624 - SEIKO EPSON CORP [JP]  
• [X] EP 2161633 A2 20100310 - SEIKO EPSON CORP [JP]  
• [X] WO 2011004214 A1 20110113 - COUNCIL SCIENT IND RES [IN], et al

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2708962 A1 20140319; EP 2708962 B1 20170816**

DOCDB simple family (application)  
**EP 12184873 A 20120918**