

Title (en)  
Ringing mechanism with differentiated alarms

Title (de)  
Schlagwerkmechanismus mit unterschiedlichen Schlagwerken

Title (fr)  
Mécanisme de sonnerie à sonneries différenciées

Publication  
**EP 2498145 B1 20170712 (FR)**

Application  
**EP 11157267 A 20110308**

Priority  
EP 11157267 A 20110308

Abstract (en)  
[origin: EP2498145A1] The stage (1) has a pipe ratchet (11) mounted to pivot coaxially on a pipe around a pivoting axis (D). The pipe ratchet is mounted to pivot integrally with a first hour ratchet (13) arranged to cooperate with a lifting piece used for driving a first hammer in a repeater striking mechanism. A second hour ratchet (15) cooperates with the lifting piece of the repeater striking mechanism. The second hour ratchet is mounted to pivot integrally with the first hour ratchet around the axis. Independent claims are also included for the following: (1) a striking mechanism (2) a timepiece.

IPC 8 full level  
**G04B 21/12** (2006.01); **G04B 19/22** (2006.01); **G04B 19/23** (2006.01)

CPC (source: EP US)  
**G04B 19/23** (2013.01 - EP US); **G04B 21/04** (2013.01 - EP US); **G04B 21/12** (2013.01 - EP US)

Cited by  
EP3136188A1; CH710881A1; CN106444339A; EP4336274A1; EP2947523A1; CN105093899A; US9244433B2; US10031482B2

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

DOCDB simple family (publication)  
**EP 2498145 A1 20120912; EP 2498145 B1 20170712**; CH 704623 A2 20120914; CN 102681424 A 20120919; CN 102681424 B 20141112; EP 3001258 A2 20160330; EP 3001258 A3 20160615; EP 3001258 B1 20180131; JP 2012189590 A 20121004; JP 5467118 B2 20140409; US 2012230163 A1 20120913; US 8625395 B2 20140107

DOCDB simple family (application)  
**EP 11157267 A 20110308**; CH 3882011 A 20110308; CN 201210060021 A 20120308; EP 15184804 A 20110308; JP 2012051284 A 20120308; US 201213413048 A 20120306