

Title (en)
Annual calendar mechanism for timepieces

Title (de)
Jährlicher Kalendermechanismus für Uhren

Title (fr)
Mécanisme de quantième annuel pour pièce d'horlogerie

Publication
EP 0634711 B1 19970108 (FR)

Application
EP 94110338 A 19940704

Priority
CH 213993 A 19930715

Abstract (en)
[origin: EP0634711A1] The annual calendar mechanism includes a calendar-entraining wheel (18) fitted with a finger (17) capable of entraining a calendar wheel (19) one notch at the end of each month. An annual wheel (25), entrained two notches once a month by a long tooth (23) carried by an intermediate wheel (21) itself enmeshing with the calendar wheel (19), includes a plate (27) carrying five teeth (28). If one of these five teeth, corresponding to one of the months with fewer than thirty-one days, shows up in the path of the finger (17), the annual wheel (25), from being driven becomes driving and entrains, via the intermediate wheel, the calendar wheel an extra notch. <IMAGE>

IPC 1-7
G04B 19/24; **G04B 19/25**

IPC 8 full level
G04B 19/243 (2006.01); **G04B 19/25** (2006.01); **G04B 19/253** (2006.01)

CPC (source: EP US)
G04B 19/25 (2013.01 - EP US); **G04B 19/2536** (2013.01 - EP US)

Cited by
EP2843483A1; DE102007011594B4; EP1868047A1; EP3173877A1; EP3722890A1; CH717262A1; KR20220020324A; US10345759B2; US10067473B2; US11733653B2; FR3104748A1; WO9844394A1; WO2007144268A3; US7782715B2; US10437198B2

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 0634711 A1 19950118; **EP 0634711 B1 19970108**; CH 684815 B5 19950714; CH 684815G A3 19950113; DE 69401393 D1 19970220; DE 69401393 T2 19970724; JP 3457383 B2 20031014; JP H07146378 A 19950606; SG 85062 A1 20011219; US 5432759 A 19950711

DOCDB simple family (application)
EP 94110338 A 19940704; CH 213993 A 19930715; DE 69401393 T 19940704; JP 15438394 A 19940706; SG 1996003854 A 19940704; US 27370694 A 19940712