

Title (en)

Chain drive unit for the weight drive a clock

Title (de)

Kettenradbaugruppe für den Gewichtsantrieb einer Uhr

Title (fr)

Unité d'entraînement par roue à chaînes pour l'entraînement par poids pour une horloge

Publication

EP 0939350 A3 20000809 (DE)

Application

EP 99102344 A 19990206

Priority

DE 29802806 U 19980218

Abstract (en)

[origin: EP0939350A2] The chain drive unit is provided for the weight drive of the rotary mechanism and/or striking mechanism of a clock. The unit has a chain drive arranged on a shaft between two coaxial profile plates. The chain drive is in rotary connection with a toothed drive wheel fixed axially on the shaft, via a directional lock, in the drive rotary direction. The two profile plates are pressed in the axial direction against the drive wheel by a spring. The chain drive (22) and the first profile plate (20) between the chain drive and the drive wheel (7) are connected together by a coupling element (14) such that they cannot rotate at least in the drive direction. This profile plate (20) has at least one axially movable spring (31-34) which engages in a collar (9) of the drive wheel.

IPC 1-7

G04B 1/08; G04B 1/02; G04B 11/00

IPC 8 full level

G04B 1/02 (2006.01); **G04B 1/08** (2006.01)

CPC (source: EP US)

G04B 1/02 (2013.01 - EP US); **G04B 1/08** (2013.01 - EP US)

Citation (search report)

- [A] DE 1807195 A1 19700527 - HETTICH EMIL
- [A] DE 2001399 A1 19710722 - EBAUCHESFABRIK ETA AG
- [AD] DE 25100 C 18831129
- [A] DE 1035061 B 19580724 - GUENTHER WUERTHNER

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

DE 29802806 U1 19980416; EP 0939350 A2 19990901; EP 0939350 A3 20000809; US 6126308 A 20001003

DOCDB simple family (application)

DE 29802806 U 19980218; EP 99102344 A 19990206; US 25285899 A 19990217