

Title (en)

Connection of a shaft with an element, in particular the shaft of a rotary setting member with a setting wheel.

Title (de)

Verbindung einer Welle mit einem Teil, insbesondere einer Welle einer Einstellvorrichtung mit seinem Rad.

Title (fr)

Assemblage d'un arbre avec un élément, en particulier l'arbre d'un dispositif d'ajustage avec sa roue.

Publication

EP 0551808 A1 19930721 (EN)

Application

EP 93100037 A 19930105

Priority

DE 9200345 U 19920114

Abstract (en)

For connecting a shaft (3) with a setting wheel (1), the setting wheel (1) comprises a recess (11) and an opening (13) which connects said recess with the outer edge of the setting wheel and through which the connection can be effected by relative movement of the shaft (3) and the setting wheel (1) transversely to the axis of the shaft. In order to secure the setting wheel (1) on the shaft (3) an element (15) is provided which can be inserted into the opening (13) of the setting wheel (1) by an insertion movement transversely to the axis of the shaft, with interlocking means (29, 31 and 33, 35 respectively) on the setting wheel (1) and the element (15) cooperating for fixing element (15) in the opening (13). Shape and dimensions of element (15) are adapted to those of the opening (13) and the outer contour of setting wheel (1) such that when element (15) is inserted the setting wheel is completed at least in the area of its outer edge and given a substantially closed shape. <IMAGE>

IPC 1-7

F16D 1/06; **F16D 1/08**; **G05G 1/12**

IPC 8 full level

G12B 11/00 (2006.01); **F16D 1/06** (2006.01); **F16D 1/08** (2006.01); **G05G 1/00** (2006.01); **G05G 1/12** (2006.01); **H01H 3/10** (2006.01)

CPC (source: EP)

G05G 1/12 (2013.01); **H01H 3/10** (2013.01)

Citation (search report)

- [X] WO 8601266 A1 19860227 - AMERICAN SNAPNUT ASSOCIATES [US]
- [A] FR 328905 A 19030721 - EMANUEL KOTTUSCH [CH]
- [A] DE 836372 C 19520410 - SIEMENS AG

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

DE 9200345 U1 19920305; EP 0551808 A1 19930721; JP H0694857 A 19940408

DOCDB simple family (application)

DE 9200345 U 19920114; EP 93100037 A 19930105; JP 461593 A 19930114