

Title (en)

Actuating device for a sprinkler or the like

Title (de)

Antriebsvorrichtung für eine Beregnungsvorrichtung oder dgl.

Title (fr)

Dispositif d'entraînement pour dispositif d'arrosage ou dispositif similaire

Publication

**EP 0362559 B2 19980107 (DE)**

Application

**EP 89116235 A 19890902**

Priority

DE 3833984 A 19881006

Abstract (en)

[origin: EP0362559A2] In an actuating device (1) for a transportable sprinkler or the like, a water motor (11) has a reducing gear unit (19), whose gear or toothed wheels (41, 42, 43) are located outside the water guide in a separate gear chamber (19) and are therefore dry, the gear chamber (19), however, being integrated into the housing (12) of the water motor (11) in such a way that it is arranged adjacently next to a reversing chamber (23) which serves to guide the water, in which reversing chamber a reversing valve (22) of a reversing device (21) for the alternating reversal of the water motor (11) in both directions of rotation is accommodated. The water motor (11) is input-connected via an output pinion (44) to a carrier (5), a self-engaging overload clutch (77) being arranged in the drive connection. A bypass water guide (86) which works in a pressure-dependent manner and has simple flap valves is additionally provided between the reversing chamber (23) and a rotor chamber (26) which adjoins this axially as well as adjoining the gear chamber (20). Combined with an extremely compact design of the water motor (11) a high functional reliability is thereby produced. <IMAGE>

IPC 1-7

**B05B 3/16**

IPC 8 full level

**B05B 3/16** (2006.01)

CPC (source: EP US)

**B05B 3/044** (2013.01 - EP US)

Cited by

DE10142145A1; DE10142141A1; DE10142143A1; DE10142144A1; EP0641603A1; DE4329616A1; US5611488A; CN106824580A; WO03020432A1; WO03020431A1; US8746592B2

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