

Title (en)
Sprinkler for dispensing a fluid

Title (de)
Regner zum Austragen eines Fluids

Title (fr)
Arroseur pour la distribution d'un fluide

Publication
EP 0698417 B1 20021113 (DE)

Application
EP 95112644 A 19950811

Priority
DE 4429952 A 19940824

Abstract (en)
[origin: EP0698417A2] The sprinkler has a vertical mounting with a water flow driven turbine (8) which rotates faster than a direct driven rotor using a gearing (9) to step up the rotational speed. A water flow divider (7) with shaped contour spreads the water flow while the fast rotating head provides an added sprinkling effect. The spreading effect is adjustable by a rotating sleeve control (5). This adjusts the range of the sprinkling. The rotating drive provides a fast rotation even with low water pressures. The gearing includes eccentric gears.

IPC 1-7
B05B 3/04; **B05B 3/02**; **B05B 15/10**

IPC 8 full level
B05B 3/02 (2006.01); **B05B 3/04** (2006.01); **B05B 15/10** (2006.01); **B05B 15/70** (2018.01); **B05B 15/74** (2018.01); **B05B 3/00** (2006.01)

CPC (source: EP US)
B05B 3/003 (2013.01 - EP US); **B05B 3/0486** (2013.01 - EP US); **B05B 15/74** (2018.02 - EP US)

Cited by
CN112588052A; AU730171B2; EP0826426A3

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AT CH DE ES FR GB IT LI SE

DOCDB simple family (publication)
EP 0698417 A2 19960228; **EP 0698417 A3 19961211**; **EP 0698417 B1 20021113**; **EP 0698417 B2 20060118**; AT E227608 T1 20021115; AU 2855995 A 19960307; AU 699756 B2 19981217; DE 4429952 A1 19960229; DE 59510452 D1 20021219; ES 2185677 T3 20030501; US 5718381 A 19980217; ZA 957104 B 19960415

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