

Title (en)
Rotary sprinklers.

Title (de)
Rotierende Sprinkler.

Title (fr)
Arroseurs rotatifs.

Publication
EP 0409251 B1 19931229

Application
EP 90113910 A 19900720

Priority
IL 9106289 A 19890721

Abstract (en)
[origin: EP0409251A2] A rotary sprinkler includes a rotor (210) rotatably mounted with respect to its nozzle and a retarding device having a first surface rotatable with the rotor, a second surface non-rotatable with respect to the nozzle (202), and a viscous liquid between the two surfaces. The first surface of the retarding device is a cavity (220) formed in the rotor, and the second surface of the retarding device is on a pin (222) non-rotatably mounted with respect to the nozzle and disposed within the cavity (220). The rotor further includes a cover (226) closing the cavity (220) and formed with an opening for receiving the pin (222), and a seal (228) carried by the cover (226) and including an annular sealing surface in contact with the pin (222) to seal the cavity, the annular surface of the seal being located so as to be continuously immersed in the viscous liquid in the cavity.

IPC 1-7
B05B 3/04

IPC 8 full level
B05B 3/04 (2006.01); **B05B 3/00** (2006.01)

CPC (source: EP)
B05B 3/005 (2013.01); **B05B 3/0486** (2013.01)

Cited by
FR2730901A1; AU674586B2; US8434695B2; WO2008029409A1

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EP 0409251 A2 19910123; EP 0409251 A3 19911023; EP 0409251 B1 19931229; AU 5891390 A 19910124; AU 624973 B2 19920625; DE 69005549 D1 19940210; ES 2048907 T3 19940401; IL 91062 A 19960618; JP H03137953 A 19910612; ZA 905475 B 19910424

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