

Title (en)
SPRINKLER WITH BRAKE ASSEMBLY

Title (de)
SPRINKLER MIT BREMSANORDNUNG

Title (fr)
PULVÉRISATEUR AVEC ENSEMBLE FREIN

Publication
EP 2953723 A4 20170315 (EN)

Application
EP 14749231 A 20140207

Priority
• US 201313763487 A 20130208
• US 201313829142 A 20130314
• US 2014015391 W 20140207

Abstract (en)
[origin: WO2014124314A1] In one aspect, a sprinkler is provided having a nozzle, a deflector that receives fluid flow from the nozzle, and a friction or viscous brake assembly that controls rotation of a deflector. The friction or viscous brake assembly is releasably connected to the frame in order to enhance serviceability of the sprinkler. In another aspect, a sprinkler is provided having a frame, a deflector rotatably connected to the frame, a nozzle, and a nozzle socket of the frame. The nozzle and nozzle socket have interlocking portions that releasably connect the nozzle to the frame. The nozzle may be easily removed for servicing. Further, the nozzle socket can be configured to receive a plurality of nozzles having different flow characteristics. A nozzle can be selected and utilized with the sprinkler according to the desired application for the sprinkler.

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

CPC (source: EP IL)
B05B 1/3006 (2013.01 - IL); **B05B 3/003** (2013.01 - EP); **B05B 3/005** (2013.01 - EP); **B05B 3/0486** (2013.01 - EP IL); **B05B 15/18** (2018.01 - EP); **B05B 1/3006** (2013.01 - EP)

Citation (search report)
• [XA] US 5224653 A 19930706 - NELSON CRAIG B [US], et al
• See references of WO 2014124314A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
WO 2014124314 A1 20140814; AU 2014214749 A1 20150827; AU 2014214749 B2 20180308; AU 2018203585 A1 20180614; AU 2018203585 B2 20190822; CN 105307778 A 20160203; CN 105307778 B 20170822; EP 2953723 A1 20151216; EP 2953723 A4 20170315; EP 2953723 B1 20181031; ES 2709424 T3 20190416; IL 240375 A0 20150924; IL 240375 B 20200630; ZA 201505742 B 20190828

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