

Title (en)
SPRINKLER WITH NUTATING MECHANISM AND OPTIONAL WEIGHT

Title (de)
SPRINKLER MIT TAUMELMECHANISMUS UND OPTIONALEM GEWICHT

Title (fr)
ARROSEUR AYANT UN MÉCANISME DE NUTATION ET UN POIDS FACULTATIF

Publication
EP 2315632 B1 20160323 (EN)

Application
EP 09807341 A 20090814

Priority

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Abstract (en)
[origin: WO2010019850A2] A rotary, nutating sprinkler head includes a housing supporting a nozzle tube extending in a downstream direction, concentric with a vertical center axis of the sprinkler head; a spool assembly loosely supported on the starter tube, the spool assembly including a double- flanged spool and a water-deflection plate carried by the spool, the water-deflection plate formed with one or more grooves shaped to cause the spool assembly to rotate when impinged upon by a stream emitted from the starter tube, wherein one of the starter tube and the spool is provided with at least one tilting lug located to maintain the spool assembly in a tilted or angularly offset orientation relative to the vertical center axis, thereby facilitating a wobbling action of the spool assembly during rotation.

IPC 8 full level
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Cited by
IT201600112451A1; CN109922891A; US11311896B2; WO2018087669A1

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