

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 A4 20140723 (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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CPC (source: EP)  
**B05B 3/008** (2013.01); **B05B 3/0486** (2013.01)

Citation (search report)  

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