

Title (en)  
CONNECT/DISCONNECT ARRANGEMENT FOR REVOLVING SPRINKLERS OF DISHWASHERS

Title (de)  
ANORDNUNG ZUM VERBINDEN UND TRENNEN DREHBARE SPRÜHÄRME VON SPÜLMASCHINEN

Title (fr)  
AGENCEMENT DE CONNEXION / DÉCONNEXION POUR BRAS ROTATIFS DE LAVE-VAISSELLE

Publication  
**EP 3241479 A1 20171108 (EN)**

Application  
**EP 16425037 A 20160502**

Priority  
EP 16425037 A 20160502

Abstract (en)  
In a quick connect/disconnect system of a revolving sprinkler comprising a tubular elongated body that is centrally pivoted on a hollow pivot (1) with vertical axis fitted at the outlet of a water supply duct of a dishwasher, the hollow pivot (1) has a terminal portion with a cylindrical shape (1a) surmounted by a frusto-conical end shape (1b) having a larger base adjacent to the cylindrical shape (1a) and of a diameter greater than it, the revolving sprinkler being pivoted on the hollow pivot (1) by means of a hub (2) that accommodates two latches (3) sliding radially with respect to the longitudinal axis of the hollow pivot (1) in correspondence with its cylindrical shape (1a) and biased towards said longitudinal axis by corresponding springs (4), the hub (2) also accommodating a rotor (5) in contact with the latches (3) and shaped in such a way that its rotation in a given direction moves the latches (3) away from the longitudinal axis of the pivot (1) up to a distance greater than the radius of the larger base of the frusto-conical shape (1b), the rotor (5) being provided with a lever (6) external to the hub (2) to be rotated by an operator.

IPC 8 full level  
**A47L 15/23** (2006.01)

CPC (source: EP)  
**A47L 15/23** (2013.01)

Citation (search report)

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