

Title (en)

Hydraulic connection device for a dishwasher rack which can be positioned at two different heights

Title (de)

Hydraulische Verbindungsvorrichtung für einen auf zwei unterschiedlichen Höhen positionierbaren Geschirrkorb

Title (fr)

Dispositif de connection hydraulique pour panier de lave vaisselle qui peut être positionné à deux différentes hauteurs

Publication

**EP 0786231 B1 20000329 (EN)**

Application

**EP 97830020 A 19970128**

Priority

IT MI960150 A 19960129

Abstract (en)

[origin: EP0786231A2] A hydraulic connection device for a dishwasher rack which can be positioned at two different heights includes a sprinkler feed duct (1), integral with the rack and extending upto the outlet (7) of the supply pipe, said duct (1) being provided with an enlarged end chamber (2, 2', 2'') divided into an upper inlet (3) and a lower inlet (3') suitable to be alternately fit onto said outlet (7), as well as with shutter means moving inside said chamber (2, 2', 2'') under the action of the water flow coming from the outlet (7) so as to open that inlet (3, 3') which is in use and close the one which is not in use. The shutter means may consist of a vane (4) rotatable around a horizontal pivot (5) located between the two inlets (3, 3'), or a ball (11) slidable along a guide rim (12), or a pair vanes (4', 4'') arranged one on each inlet (3, 3'). The result is a simple, cheap and reliable device with no problems of tightness or high flow resistance. <IMAGE>

IPC 1-7

**A47L 15/50**

IPC 8 full level

**A47L 15/23** (2006.01); **A47L 15/50** (2006.01)

CPC (source: EP)

**A47L 15/508** (2013.01); **A47L 15/23** (2013.01)

Cited by

EP0864291A1; EP0829221A3; US8561624B2; EP0872208A1; CN102458214A; AU2010265067B2; US11045066B2; US11026559B2; US11497374B2; US11259681B2; US11185209B2; WO2010149343A1; WO2015003646A1; WO2008137818A1; US10765291B2; US11000176B2; EP0918482B1; US11202550B2; US11399690B2; US11412912B2; US11864705B2; US10631708B2; US11464389B2; US11877711B2; US11484180B2; US11484183B2; US11889966B2; US11896182B2; US10524634B2; US10531781B2; US11058279B2; US11071440B2; US11191416B2; US11766160B2; US11800963B2; US11826001B2

Designated contracting state (EPC)

DE ES FR GB IT SE

DOCDB simple family (publication)

**EP 0786231 A2 19970730; EP 0786231 A3 19971008; EP 0786231 B1 20000329**; DE 69701535 D1 20000504; DE 69701535 T2 20000824; ES 2144837 T3 20000616; IT 1282096 B1 19980312; IT MI960150 A0 19960129; IT MI960150 A1 19970729

DOCDB simple family (application)

**EP 97830020 A 19970128**; DE 69701535 T 19970128; ES 97830020 T 19970128; IT MI960150 A 19960129