Title (en)

Single-mouth nozzle head

Title (de)

Düsenkopf mit einzelnem Mundstück

Title (fr)

Tête de buse à bouche unique

Publication

EP 2857682 A1 20150408 (EN)

Application

EP 14194292 A 20140122

Priority

- TW 102106663 A 20130226
- TW 102118892 A 20130529
- EP 14152097 A 20140122

Abstract (en)

The present invention is to provide a single-mouth nozzle head, comprising: a main body (51) having a through valve hole (511) and an air supply hole (514) disposed between two ends of the valve hole (511); an annular first connecting mouth (55) having a first mouth hole (551) for receiving a valve (91) to be inflated; and a valve plug (52) disposed in the main body (51), the first connecting mouth (55) being located in the valve plug (52), the valve plug (52) being axially movable between a first position and a second position of the valve hole (511), one end of the valve plug (52) being provided with a plurality of clamping claws (563), another end of the valve plug (52) being formed with a closed press portion (521), the interior of the valve plug (52) being formed with a flow passage to communicate with an outer annular wall of the valve plug (52), a plurality of restraint grooves (564) being formed in between the clamping claws (563) and arranged in a circle to define a restraint hole (561), the restraint hole (561) and the valve hole (511) being coaxial, the restraint hole (561) being able to contract radially.

IPC 8 full level

F04B 33/00 (2006.01)

CPC (source: EP)

F04B 33/005 (2013.01)

Citation (applicant)

- TW 95107665 A 20060307
- TW 97203517 U 20080229

Citation (search report)

- [XI] EP 0690231 A1 19960103 - BARBIERI ADRIANO BARBIERI NADI [IT]
- [A] DE 29923064 U1 20000224 - SKS METAPLAST SCHEFFER KLUTE [DE]

Cited by

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

EP 14152097 A 20140122; EP 14194292 A 20140122; TW 102118892 A 20130529