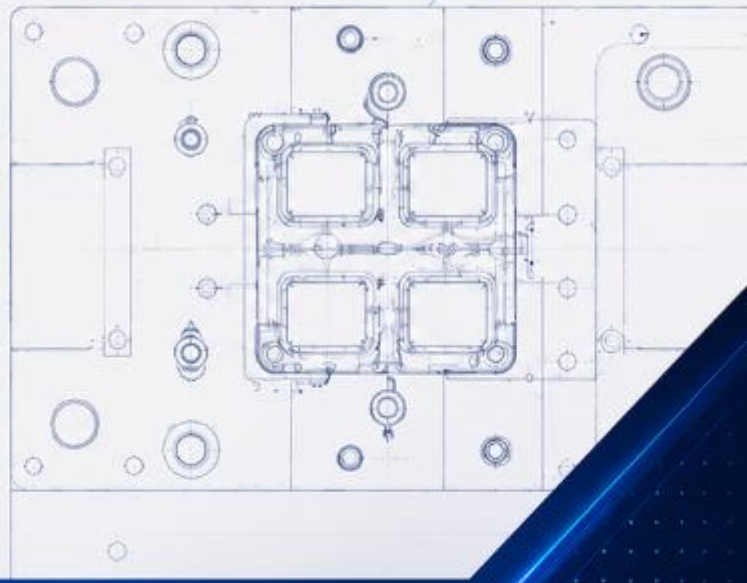
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AQUASTOP



INJECTION MOLDING
OF THERMOPLASTIC MATERIALS

PRECISION • TECHNOLOGY • RELIABILITY

TECHNICAL & R&D DEPT.

19/06/2026

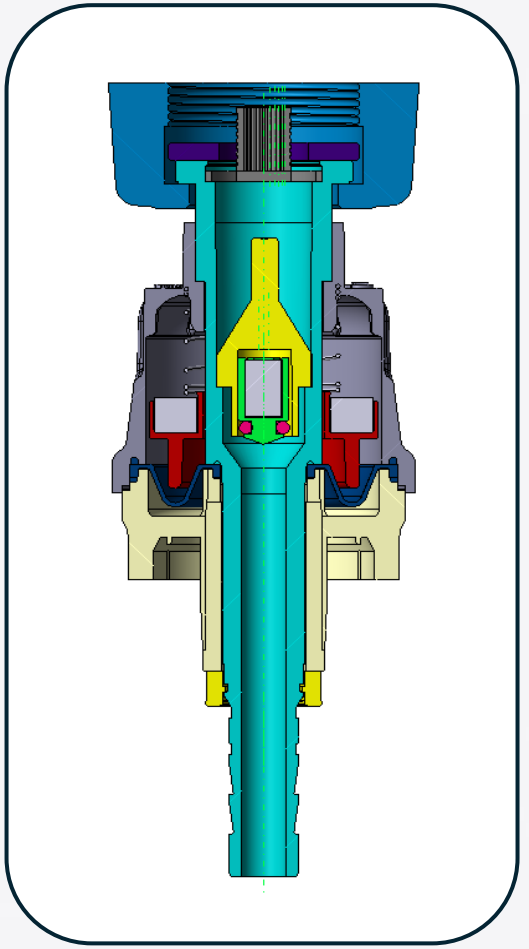
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Drawings

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USAGE

IT IS A PRODUCT WHICH IS USED TO PREVENT FLOODING CASE OF A MALFUNCTION. IT CONSISTS OF A MECHANIC VALVE, AN INNER HOSE (PVC INLET HOSE) AND A PROTECTIVE OUTER HOSE SET. WHEN A WATER LEAK HAPPENS IN THE INLET HOSE, THE WATER IS ACCUMULATED BY THE PROTECTIVE HOSE AND IT REACHES THE BLOCKAGE MECHANISM IN THE VALVE SO THAT THE VALVE IS CLOSED AND FLOODING IS PREVENTED. THE MECHANISM WORKS WITHOUT ANY NEED OF AN ELECTRICAL POWER SUPPLY.



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Function

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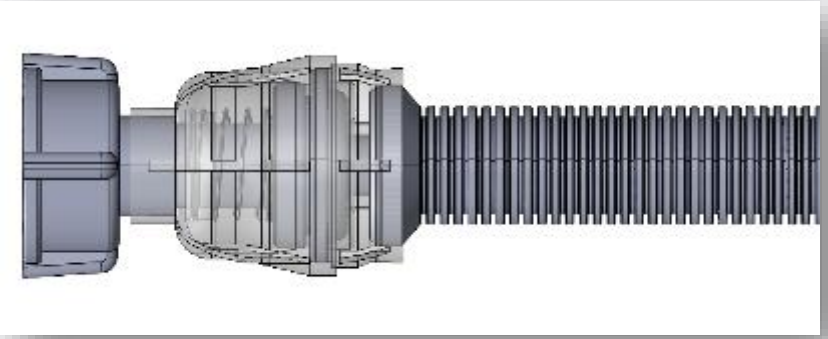
FEATURES

- MAGNETIC SYSTEM WITHOUT SPONGES OR ELECTRICAL PARTS
- 100% TESTED (REVERSIBLE) SO PPM=0
- RELIABLE (MECHANICAL PARTS ONLY IN MOVEMENT)
- CHEAPER THAN ACTUAL SYSTEMS ON THE MARKET
- USEFUL FOR APPLIANCES (WASHING MACHINES, DISH WASHERS) BUT ALSO FOR MAIN SECTORS (COFFÈ MACHINES, INDUSTRIAL WASHING MACHINES, GENERALLY WHAT EMPLOY WATER SUPPLY)



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Vs market



AQUASTOP CIMPLASTA

- Magnetic system without sponges or electrical parts
- 100% tested (reversible) so PPM=0
- Reliable (mechanical parts only in movement)
- Cheaper than actual systems on the market
- Function with change of pressure (so when break pipe everywhere)

PRODUCTS ON THE MARKET

- Sponge one shot (no test avaiability)-electrical supply
- For sponges impossible to test the assembly
- Electrical devces with longlife problems
- Electrica very expensive, sponge more expensive that magnet
- Sponge need water filling so high delay from break

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FEATURES

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PROPERTIES

- 100% FULL AUTOMATIC PRODUCTION
- 100% LEAKAGEAND CAMERA CONTROL
- MIDDLE FLEXIBLE
- HIGH CHEMICAL ENDURANCE
- MINIMUM BENDING RADIUS
- GOOD RESISTANT TO CLIMATE IMPACTS
- PREASSEMBLED COMPONENTS
- INTEGRATED CONNECTORS
- ROHS, REACH, SVHC COMPLIANCE
- VDE CERTIFICATE

MATERIAL	PP, PVC, NBR, EPDM, PA66
WATER SUPLY PRESSURE	0,2-10 BAR
COLD WATER WORKING TEMPERATURE	5°C < T < 60°C
HOT WATER WORKING TEMPERATURE	5°C < T < 90°C
AMBIENT OPERATING TEMPERATURE	5°C < T < 70°C
HOSE INNER & OUTER DIAMETER	9 X 13MM / 10 X 15MM
LEAK TIGHTNESS PRESSURE	6 BAR
FLOW RATE	10 L/MIN
THREAD OF NUT	¾ ISO 228, ASME ¾ 11.5 NH
STANDARD	EN61770
BURST PRESSURE	60 BAR

AQUASTOP

PATENTS

CIMPLASTA since 1954

(19) Europäisches Patentamt
European Patent Office
Office européen des brevets

(11) **EP 4 312 702 B1**

(12) **EUROPEAN PATENT SPECIFICATION**

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F16K 31/08 *(2006.01)* ***F16K 17/34*** *(2006.01)*

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Evrak Numarası	2024-GE-441675	**Evrak Tarihi**	28.06.2024 17:25:06
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Avrupa Patentinin Verildiği Bülten Yayın Tarihi	01-05-2024	**Avrupa Patenti Başvurusu (B1) Yayın Numarası**	EP4312702B1
Avrupa Patenti İstem Tercümesi	Hayır	**Tarifname Dili**	Türkçe
Genetik Kaynak	Hayır	**Kaynağın / Bilginin Coğrafi Kökeni**	-
Kamu Desteği	Hayır	**Destek Sağlayan Kamu Kurumu**	-
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İstem Sayısı	7	**Resim Sayfa Sayısı**	7
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