

Title (en)
BALL VALVE ASSEMBLY

Title (de)
KUGELVENTILANORDNUNG

Title (fr)
ENSEMBLE CLAPET À BILLE

Publication
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Application
EP 20810082 A 20200511

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Abstract (en)
[origin: WO2020236063A1] The invention relates to a ball valve assembly (1) comprising a valve housing (2), a valve seat (3) which is arranged in the valve housing (2), and a ball member (4) which is rotatably journaled in the valve housing (2) about an axis of rotation R so that it can assume different angular positions. The ball member (4) has a surface (5) which is so disposed that, when rotating the valve member (4), the surface (5) is completely smooth and continuous over the entire area where it covers the valve seat (3). The valve seat 3 has one or more through openings through which liquid can flow when the ball member (4) is rotated to an open position, and at least the portion of the valve seat (3) coming into contact with liquid flowing through the ball valve assembly (1) is made of reinforced polytetrafluoroethylene (PTFE). The invention also relates to use of the ball valve assembly according to the invention.

IPC 8 full level
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