

Title (en)

RING SEAL FOR A CLOSING ELEMENT OF A VALVE AND SEAL ARRANGEMENT FOR SUCH A RING SEAL

Title (de)

RINGDICHTUNG FÜR EIN SCHLIESSGLIED EINES VENTILS SOWIE DICHTUNGSANORDNUNG MIT EINER SOLCHEN RINGDICHTUNG

Title (fr)

JOINT ANNULAIRE POUR UN ORGANE DE FERMETURE D'UNE SOUPAPE ET ENSEMBLE D'ÉTANCHÉITÉ POUR LEDIT JOINT ANNULAIRE

Publication

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Application

EP 10760630 A 20100908

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Abstract (en)

[origin: WO2011029838A1] The invention relates to a ring seal (32) for a closure element (22) of a valve, particularly a valve (20) of a technical process system, comprising a ring body (34) defining a longitudinal axis (36) perpendicular to the plane of the ring body (34), and comprising a sealing surface (46) at a radially outer surface (44) with respect to the longitudinal axis (36). The ring body (34) comprises two substantially radially oriented leg segments (38, 40) at a distance from each other in the direction of the longitudinal axis (36), wherein the two leg segments (38, 40) are connected to each other by a bridge segment (42) extending in the direction of the longitudinal axis (36), the sealing surface (46) being present on the radially outer surface thereof, and wherein a radially inner surface (50) of the bridge segment (42) is at a distance in the radial direction from ends (52, 54) of the leg segments (38, 40) facing away from the sealing surface (46). The invention further relates to a sealing arrangement having such a ring seal and a valve having such a sealing arrangement.

IPC 8 full level

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