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Abstract



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The sealing arrangement for a flat flanged joint comprising a preferably metallic base body 1 has bearing surfaces 7, 7' on each of its two sides for ring-shaped supports (11, 12) made of a soft material, the bearing surfaces (7, 7') being flat over a large area and being situated essentially directly opposite to each other, at least one ring tooth (2, 3) being provided in the inner radial area of each bearing surface and preferably at least one ring tooth (5, 6) being also provided in the outer radial area of each bearing surface, said soft material supports each being fixed on the bearing surfaces (7, 7'), the ring teeth (2, 3, 4, 5, 6), when the arrangement is assembled, coming to rest on the flange surfaces (14, 15), and the soft material supports (11, 12) being at least inwardly limited by the ring teeth (2, 3), wherein the wall of the base body (1) has a low thickness of only 0.2 to 2.0 mm, preferably 0.3 to 1.2 mm, and the ring teeth are shaped by stamping in such a way that the whole wall has an angular or wave-shape configuration, and a punctual metallic contact with the flange surfaces (14, 15) is enabled.