

Title (en)
COMPACT SEALING RING UNIT

Title (de)
KOMPAKTE DICHRINGEINHEIT

Title (fr)
UNITÉ DE BAGUE D'ÉTANCHÉITÉ COMPACTE

Publication
EP 3181909 B1 20200408 (EN)

Application
EP 15003549 A 20151214

Priority
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Abstract (en)
[origin: EP3181909A1] The invention relates to a sealing ring unit (1) for radially sealing the suction mouth (5) of a pump impeller (4), in particular for a multistage pump, the unit comprising a sealing ring (3) and a supporting member (2) removably carrying the sealing ring (3), the supporting member (2) having an annular inner portion (10) defining an opening (22) for receiving the suction mouth (5) of the impeller (4), the sealing ring (3) having a first portion (16) and second portion (17) and an annular back portion (15) to face the suction mouth (5) connecting the first and second portion (16, 17) with each other, the annular inner portion (10) being accommodated between the first and second portion (16, 17). According to the invention the sealing ring (3) being mountable on the supporting member (2) by means of a bayonet fitting (11, 17). Thus, an easy change of the sealing ring is enabled.

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