

Title (en)
MULTI-INLET VACUUM PUMP

Title (de)
MULTI-INLET-VAKUUMPUMPE

Title (fr)
POMPE À VIDE À ENTRÉES MULTIPLES

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Application
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Abstract (en)
[origin: WO2010105908A1] The invention relates to a multi-inlet vacuum pump having a first pump device (10) and a second pump device (12). The first pump device (10) comprises a first rotor element (18) having a plurality of first rotor discs (20, 21) arranged consecutively in the delivery direction (36). The second rotor disc comprises a second rotor element (26) having a plurality of second rotor discs (28) arranged consecutively in the delivery direction (36). A first fluid flow (34) is suctioned through a main inlet (32) by the first pump device (10) and delivered in the direction of the second pump device (12). A second fluid flow (40) is suctioned through an intermediate inlet (38) by the second pump device and delivered in the direction of a pump outlet. According to the invention, the diameter of the last rotor disc (21) of the first pump (10) substantially corresponds to the diameter of the first rotor (28) of the second pump device (12).

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