

Title (en)
COMPRESSOR, IN PARTICULAR RADIAL COMPRESSOR

Title (de)
VERDICHTER, INSBESONDERE RADIALVERDICHTER

Title (fr)
COMPRESSEUR, EN PARTICULIER COMPRESSEUR RADIAL

Publication
EP 4384714 A1 20240619 (DE)

Application
EP 22786802 A 20220922

Priority
• EP 21203945 A 20211021
• EP 2022076327 W 20220922

Abstract (en)
[origin: WO2023066585A1] A compressor (1) comprising a rotor which extends along an axis of rotation (3), a housing (9), wherein the housing (9) is arranged around the rotor, wherein the housing (9) has an axial inflow (4) and, downstream of the axial inflow (4), a first compression stage and, further downstream of the first compression stage, a radial outflow (5) for a process fluid, the radial outflow (5) leading through the housing (9), and furthermore comprising an impeller (2) which is arranged on the rotor, with an injection device (15) for injecting a fluid into the axial inflow (4).

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CPC (source: EP)
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