

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).

IPC 8 full level  
**F04D 29/58** (2006.01)

CPC (source: EP)  
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