

Title (en)  
SCROLL MACHINE

Title (de)  
SCROLLMASCHINE

Title (fr)  
MACHINE À SPIRALES

Publication  
**EP 4359671 A1 20240501 (DE)**

Application  
**EP 22737817 A 20220622**

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Abstract (en)  
[origin: WO2022268904A1] The invention relates to a scroll machine (2), in particular for refrigerant of a vehicle air-conditioning system, said scroll machine comprising: - a first scroll (28) having a first spiral wall (28a) projecting in an axial direction (A), - a second scroll (30) having a second spiral wall (30a) projecting in an axial direction (A), - a drive (16), - a drive shaft (36) by means of which the drive (16) and the second scroll (30) are coupled in a power-transmitting manner, and - a radius compensation system (32) which is connected between the drive shaft (36) and the second scroll (30) and which has an eccentric (32) which is coupled to the drive shaft (36) by means of a shaft pin (34) positioned eccentrically with respect to the drive shaft (36) and is coupled to the second scroll (30) by means of a bearing journal (32b) that is eccentric with respect to the shaft pin (34), a bearing journal axis (46) being positioned at a greater distance from the drive shaft axis (50) than an axis (48) of the shaft pin (34).

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