

Title (en)
COMPRESSOR

Title (de)
KOMPRESSOR

Title (fr)
COMPRESSEUR

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Application
EP 16748088 A 20160727

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Abstract (en)
[origin: WO2018019372A1] The invention relates to a compressor comprising a compressor housing; a scroll compressor unit which is arranged in the compressor housing and comprises a first stationary compressor body and a second compressor body that can be moved relative to the stationary compressor body; an eccentric drive for the scroll compressor unit, said drive having a driver which is driven by a drive motor and a driver which circulates about the central axis of a driveshaft on an orbital path; and an orbital path balancing mass which counteracts an imbalance due to the compressor body moving on the orbital path. The aim of the invention is to improve such a compressor such that the long-term stability of the driver guidance in the driver receiving area can be ensured even at high rotational speeds. This is achieved in that the orbital balancing mass is coupled to the eccentric drive such that the mass moves on the orbital path in a manner corresponding to the movement of the driver but is uncoupled with respect to the transmission of tilting moments to the driver.

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