

Title (en)  
COMPRESSOR WITH A POSITIVE DISPLACEMENT OIL SUPPLY PUMP

Title (de)  
VERDICHTER

Title (fr)  
COMPRESSEUR

Publication  
**EP 3524819 A2 20190814 (EN)**

Application  
**EP 19154627 A 20190130**

Priority  
JP 2018022976 A 20180213

Abstract (en)  
A compressor is provided capable of ensuring an opening area of a suction port in an oil supply pump even when a lubricant flows in a thickness direction of a pump rotor. An oil supply pump (40A) of a scroll compressor (1) includes: a first suction port (51A) through which a lubricant flows into a first oil suction chamber (42A); a second suction port (51B) through which the lubricant flows into a second oil suction chamber (48A); a first discharge port (51C) through which the lubricant flows from a first oil discharge chamber (42B); a second discharge port (51D) through which the lubricant flows from a second oil discharge chamber (48B); oil introducing channels (46R1, 47R1) provided correspondingly to the second suction port (51B) by concaving peripheral edge surfaces of an outer rotor (46) and an inner rotor (47); and oil lead-out channels (46R2, 47R2) provided correspondingly to the second discharge port (51D) by concaving peripheral edge surfaces of the outer rotor (46) and the inner rotor (47).

IPC 8 full level  
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CPC (source: EP)  
**F04C 23/008** (2013.01); **F04C 29/023** (2013.01); **F04C 29/025** (2013.01); **F04C 29/12** (2013.01); **F04C 18/0215** (2013.01); **F04C 2240/809** (2013.01); **F04C 2250/10** (2013.01)

Citation (applicant)  
JP H09264281 A 19971007 - SANYO ELECTRIC CO

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