

Title (en)  
VOLUMETRIC SCREW COMPRESSOR

Publication  
**EP 0161130 B1 19880302 (FR)**

Application  
**EP 85400531 A 19850320**

Priority  
FR 8404841 A 19840328

Abstract (en)  
[origin: US4588363A] The compressor incorporates a front inlet aperture consisting of two annular sectors (11, 12) each having an opening angle of less than 200 degrees, the two annular sectors being essentially symmetrical relative to the plane of intersection of the rotor chambers and separated from one another by a central portion of an end wall of the casing defining the said annular sectors. The outlet opening (16) is formed in a peripheral wall of the casing and has a general V-shape whose convergent edges are parallel, in projection, to the threads of the respective rotors and whose axial height is less than twice the axial distance between two adjacent rotor threads.

IPC 1-7  
**F04C 18/16**

IPC 8 full level  
**F02B 33/34** (2006.01); **F02B 33/36** (2006.01); **F04C 18/16** (2006.01)

CPC (source: EP US)  
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DOCDB simple family (publication)  
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