Title (en)
A compressor arrangement

Title (de)
Kompressoranordnung

Title (fr)
Agencement de compresseur

Publication
EP 2604862 A1 20130619 (EN)

Application
EP 11193001 A 20111212

Priority
EP 11193001 A 20111212

Abstract (en)
A reduction in overall power consumption and/or an increase in suction capacity for a compressor arrangement comprising a driver (20) comprising a first drive shaft (21) and a second drive shaft (30), a main air compressor (11a, 11b) comprising a plurality of compression stages (MAC1, MAC2, MAC3) and a booster air compressor (12) comprising at least one compression stage (BAC1, BAC2, BAC3, BAC4) is achieved where the first stage (MAC1) of the main air compressor (11a) is driven by the first drive shaft (21) and where the remaining stage(s) of the main air compressor (11b) and the booster air compressor (12) are driven by the second drive shaft (30) in an integrally geared machine.

IPC 8 full level
F04D 17/12 (2006.01); **F04D 25/02** (2006.01)

CPC (source: EP)
F04D 17/12 (2013.01); **F04D 25/163** (2013.01); **F25J 3/04018** (2013.01); **F25J 3/04024** (2013.01); **F25J 3/04121** (2013.01); **F25J 3/04145** (2013.01); F25J 2230/20 (2013.01)

Citation (applicant)
US 5901579 A 19990511 - MAHONEY KEVIN WILLIAM [US], et al

Citation (search report)
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- [A] DE 4416497 C1 19950112 - GUTEHOFFNUNGSHUETTE MAN [DE]
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DOCDB simple family (application)
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