

Title (en)

TURBO COMPRESSOR AND TURBO REFRIGERATING MACHINE

Title (de)

TURBOVERDICHTER UND TURBOKÜHLMASCHINE

Title (fr)

TURBOCOMPRESSEUR, ET TURBOMACHINE FRIGORIFIQUE À AIR

Publication

**EP 3020980 B1 20200205 (EN)**

Application

**EP 14822776 A 20140707**

Priority

- JP 2013144575 A 20130710
- JP 2014068037 W 20140707

Abstract (en)

[origin: EP3020980A1] A turbo compressor (5) which is provided with a lubricant spray nozzle (39) which is disposed to penetrate a housing (20) and sprays a lubricant toward a bearing (26) accommodated in the housing (20), and an external manifold (38) which is detachably mounted on the housing (20) and supports the lubricant spray nozzle (39) outside of the housing (20) is adopted.

IPC 8 full level

**F04D 29/62** (2006.01); **F04D 29/063** (2006.01); **F25B 1/053** (2006.01)

CPC (source: EP US)

**F04D 17/10** (2013.01 - EP US); **F04D 25/02** (2013.01 - EP US); **F04D 29/063** (2013.01 - EP US); **F04D 29/60** (2013.01 - US); **F04D 29/624** (2013.01 - EP US); **F25B 1/053** (2013.01 - EP US); **F25B 1/10** (2013.01 - EP US); **F25B 31/004** (2013.01 - EP US); **F25B 2400/13** (2013.01 - EP US)

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