

Title (en)
HIGH VACUUM EJECTOR

Title (de)
HOCHVAKUUMEJEKTOR

Title (fr)
ÉJECTEUR À VIDE ÉLEVÉ

Publication
EP 3163093 B1 20200617 (EN)

Application
EP 15192314 A 20151030

Priority
EP 15192314 A 20151030

Abstract (en)
[origin: EP3163093A1] An ejector for generating a vacuum comprises a drive nozzle (120) and a ring drive nozzle (140). The drive nozzle (120) is for generating a drive jet of air from a flow of compressed air and directing the drive jet of air into a first section expansion nozzle (130) in order to entrain air in a volume surrounding the drive jet of air into the jet flow to generate a vacuum across the first section. The ring drive nozzle (140) is for generating a drive ring of air from the flow of compressed air and directing the drive ring of air onto the jet flow and the entrained air, and into an inlet of a second section expansion nozzle (150).

IPC 8 full level
F04F 5/46 (2006.01); **F04F 5/22** (2006.01)

CPC (source: CN EP US)
F04F 5/20 (2013.01 - US); **F04F 5/22** (2013.01 - CN EP US); **F04F 5/36** (2013.01 - US); **F04F 5/46** (2013.01 - CN); **F04F 5/467** (2013.01 - EP US); **F04F 5/54** (2013.01 - CN)

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