

Title (en)
EJECTOR

Title (de)
EJEKTOR

Title (fr)
ÉJECTEUR

Publication
EP 2678622 A1 20140101 (EN)

Application
EP 11796905 A 20111208

Priority
• US 201161445788 P 20110223
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• US 2011063920 W 20111208

Abstract (en)
[origin: WO2012115698A1] An ejector (200; 300; 400; 600) has a primary inlet (40), a secondary inlet (42), and an outlet (44). A primary flowpath extends from the primary inlet to the outlet. A secondary flowpath extends from the secondary inlet to the outlet. A mixer convergent section (114) is downstream of the secondary inlet. A motive nozzle (100) surrounds the primary flowpath upstream of a junction with the secondary flowpath. The motive nozzle has an exit (110). A secondary inlet passageway along the secondary flowpath has a terminal portion oriented to discharge a secondary flow along the secondary flowpath at an angle of less than 75° off-parallel to a local direction of the primary flowpath.

IPC 8 full level
F25B 41/00 (2006.01)

CPC (source: EP US)
F25B 41/00 (2013.01 - EP US); **F25B 2341/0011** (2013.01 - EP US); **F25B 2500/01** (2013.01 - EP US)

Citation (search report)
See references of WO 2012115698A1

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