

Title (en)

EJECTOR AND METHOD FOR OPERATING A SYSTEM WITH A SUCH EJECTOR

Title (de)

EJEKTOR UND VERFAHREN ZUM BETRIEB EINES SYSTEMS MIT EINEM SOLCHEN EJEKTOR

Title (fr)

ÉJECTEUR ET PROCÉDÉ POUR OPÉRER UN SYSTÈME AVEC UN TEL ÉJECTEUR

Publication

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Application

EP 11796905 A 20111208

Priority

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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

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