

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

**EP 2678622 B1 20201125 (EN)**

Application

**EP 11796905 A 20111208**

Priority

- US 201161445788 P 20110223
- US 201161446901 P 20110225
- 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)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**WO 2012115698 A1 20120830**; CN 103380336 A 20131030; CN 103380336 B 20160907; DK 2678622 T3 20210222; EP 2678622 A1 20140101; EP 2678622 B1 20201125; ES 2848158 T3 20210805; US 2014157807 A1 20140612

DOCDB simple family (application)

**US 2011063920 W 20111208**; CN 201180068373 A 20111208; DK 11796905 T 20111208; EP 11796905 A 20111208; ES 11796905 T 20111208; US 201113981637 A 20111208