

Title (en)

METHOD AND DEVICE FOR PROVIDING A REDUCING AGENT PRECURSOR

Title (de)

VERFAHREN UND VORRICHTUNG ZUM BEREITSTELLEN EINES REDUKTIONSMITTELVORLÄUFERS

Title (fr)

PROCÉDÉ ET DISPOSITIF DE MISE À DISPOSITION D'UN PRÉCURSEUR DE RÉDUCTEUR

Publication

EP 2054591 A1 20090506 (DE)

Application

EP 07820269 A 20070917

Priority

- EP 2007059802 W 20070917
- DE 102006047018 A 20061002

Abstract (en)

[origin: DE102006047018A1] The method involves heating a quasi-closed evaporator volume (3), delimited by a wall (2), which is partially filled with a solution (4) of a reducing agent precursor to a lead temperature of the solution to produce an atmosphere of a steam (7). The steam has a reducing agent precursor at a lead pressure above the ambient pressure. The removal of steam depends upon the requirement by using the pressure difference between the lead pressure and the ambient pressure. The reducing agent precursor is supplied to the solution depending upon the requirement of the evaporator volume. An independent claim is also included for a device for providing reducing agent precursor.

IPC 8 full level

B01D 53/90 (2006.01); **B01D 53/94** (2006.01); **F01N 3/20** (2006.01)

CPC (source: EP US)

F01N 3/2066 (2013.01 - EP US); **F01N 2240/40** (2013.01 - EP US); **F01N 2610/02** (2013.01 - EP US); **F01N 2610/10** (2013.01 - EP US); **F01N 2610/1406** (2013.01 - EP US); **Y02T 10/12** (2013.01 - EP US)

Citation (search report)

See references of WO 2008040634A1

Designated contracting state (EPC)

DE ES FR GB IT

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

DE 102006047018 A1 20080403; EP 2054591 A1 20090506; JP 2010506079 A 20100225; US 2009198087 A1 20090806; WO 2008040634 A1 20080410

DOCDB simple family (application)

DE 102006047018 A 20061002; EP 07820269 A 20070917; EP 2007059802 W 20070917; JP 2009530835 A 20070917; US 41719309 A 20090402