

Title (en)  
DENITRIFICATION PLANT

Title (de)  
ENTSTICKUNGSANLAGE

Title (fr)  
INSTALLATION DE DÉNITRIFICATION

Publication  
**EP 2310746 A2 20110420 (DE)**

Application  
**EP 08874969 A 20081011**

Priority  
• EP 2008008610 W 20081011  
• DE 102008036099 A 20080804

Abstract (en)  
[origin: WO2010015272A2] The invention relates to a device for denitrifying the flue gases of a fossil fuel-fired steam generator, especially a steam generator boiler (1) of a power plant, having apparatuses (10-12) for blowing a reagent effective in a predetermined temperature range into the interior (18) of the steam generator (1), which contains hot combustion gases. The device according to the invention is characterized in that the blow-in apparatuses (10-12) comprise a plurality of injection lances (10) arranged in spatially distributed manner and a control apparatus (13) for measuring the respective temperature distribution in the interior (18) and for selecting injection lances (10) suitable for blowing in based on the temperature distribution.

IPC 8 full level  
**F23J 15/00** (2006.01); **F23N 5/02** (2006.01); **F23N 5/08** (2006.01)

CPC (source: EP US)  
**B01D 53/346** (2013.01 - EP US); **B01D 53/56** (2013.01 - EP US); **B01D 53/79** (2013.01 - EP US); **F01K 3/20** (2013.01 - EP US); **F23J 15/003** (2013.01 - EP US); **F23N 5/022** (2013.01 - EP US); **F23N 5/082** (2013.01 - EP US); **B01D 2251/2062** (2013.01 - EP US); **B01D 2251/2067** (2013.01 - EP US); **F23J 2215/101** (2013.01 - EP US); **F23J 2219/20** (2013.01 - EP US); **F23N 2225/14** (2020.01 - EP US); **F23N 2229/08** (2020.01 - EP US); **F23N 2900/05006** (2013.01 - EP US)

Citation (search report)  
See references of WO 2010015272A2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA MK RS

DOCDB simple family (publication)  
**DE 102008036099 A1 20100211**; **DE 102008036099 B4 20140213**; EP 2310746 A2 20110420; MY 158227 A 20160915; US 2011150709 A1 20110623; US 8673221 B2 20140318; WO 2010015272 A2 20100211; WO 2010015272 A3 20100701

DOCDB simple family (application)  
**DE 102008036099 A 20080804**; EP 08874969 A 20081011; EP 2008008610 W 20081011; MY PI2011000528 A 20081011; US 200813057484 A 20081011