

Title (en)

DIVERSION STATION COMPRISING A MIXING DEVICE FOR MIXING WATER AND WATER VAPOR

Title (de)

UMLEITSTATION UMFASSEND EINE MISCHRICHTUNG ZUR VERMISCHUNG VON WASSER UND WASSERDAMPF

Title (fr)

STATION DE DÉRIVATION AVEC UN DISPOSITIF MÉLANGEUR POUR MÉLANGER DE L'EAU ET DE LA VAPEUR D'EAU

Publication

**EP 2382033 B1 20131218 (DE)**

Application

**EP 10700226 A 20100108**

Priority

- EP 2010050122 W 20100108
- EP 09001085 A 20090127
- EP 10700226 A 20100108

Abstract (en)

[origin: EP2210657A1] The mixing device (10) has a static mixer (12), which is formed from a wire-net (13). The wire-net is manufactured from a wire entwined to multiple meshes. The static mixer is mounted according to flow technology of a water injection (7) such that the mixture of water (8) and water vapor (3) flows through the meshes.

IPC 8 full level

**B01F 3/04** (2006.01); **B01F 5/04** (2006.01); **B01F 5/06** (2006.01)

CPC (source: EP US)

**B01F 23/2132** (2022.01 - EP US); **B01F 25/3131** (2022.01 - EP US); **B01F 25/45** (2022.01 - EP US); **B01F 25/45231** (2022.01 - EP US)

Citation (examination)

- DE 960354 C 19570321 - ALBERT LOB MASCHINEN UND APPBA
- GB 315629 A 19290718 - FRANZ SCHEINEMANN, et al
- US 1773053 A 19300812 - MCDERMET JOHN R

Designated contracting state (EPC)

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**EP 2210657 A1 20100728**; CN 102300628 A 20111228; CN 102300628 B 20140820; EP 2382033 A1 20111102; EP 2382033 B1 20131218; US 2011291307 A1 20111201; US 8641019 B2 20140204; WO 2010086199 A1 20100805

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