

Title (en)  
TREATMENT DEVICE AND METHOD FOR TREATING AN EXHAUST STREAM

Title (de)  
BEHANDLUNGSVORRICHTUNG UND VERFAHREN ZUM BEHANDELN EINES ABGASSTROMS

Title (fr)  
DISPOSITIF DE TRAITEMENT ET PROCÉDÉ POUR LE TRAITEMENT D'UN FLUX DE GAZ D'ÉCHAPPEMENT

Publication  
**EP 3185993 A1 20170705 (DE)**

Application  
**EP 15756379 A 20150813**

Priority  
• DE 102014112425 A 20140829  
• EP 2015068648 W 20150813

Abstract (en)  
[origin: WO2016030200A1] In order to create an energy-efficient treatment device for treating a exhaust stream containing carbon monoxide, the treatment device comprises the following: a conversion device (140) for converting carbon monoxide into carbon dioxide, the energy released in said conversion process being used for supplying a thermal energy source and/or electricity; a purification device (124) for purifying the exhaust stream to be fed to the conversion device.

IPC 8 full level  
**B01D 53/86** (2006.01); **B01D 46/24** (2006.01); **B01D 53/34** (2006.01)

CPC (source: CN EP US)  
**B01D 46/2407** (2013.01 - CN EP US); **B01D 53/343** (2013.01 - CN EP US); **B01D 53/8603** (2013.01 - US); **B01D 53/8631** (2013.01 - CN EP US); **B01D 53/8653** (2013.01 - CN EP US); **B01D 53/8659** (2013.01 - US); **C01B 32/50** (2017.07 - EP US); **B01D 53/501** (2013.01 - CN EP US); **B01D 2251/2062** (2013.01 - CN EP US); **B01D 2251/304** (2013.01 - CN EP US); **B01D 2251/404** (2013.01 - CN EP US); **B01D 2257/2045** (2013.01 - US); **B01D 2257/2047** (2013.01 - US); **B01D 2257/302** (2013.01 - CN EP US); **B01D 2257/404** (2013.01 - CN EP US); **B01D 2257/502** (2013.01 - CN EP US); **B01D 2258/0283** (2013.01 - US); **B01D 2259/65** (2013.01 - CN EP US); **Y02P 20/129** (2015.11 - EP US)

Citation (search report)  
See references of WO 2016030200A1

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Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
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