

Title (en)
MERCURY REMOVAL FROM WATER

Title (de)
QUECKSILBERENTFERNUNG AUS WASSER

Title (fr)
ÉLIMINATION DU MERCURE DE L'EAU

Publication
EP 2478123 A4 20140611 (EN)

Application
EP 10817687 A 20100910

Priority
• US 24387909 P 20090918
• US 2010048463 W 20100910

Abstract (en)
[origin: US2011068046A1] Methods and apparatus relate to removal of mercury from water. The removal relies on transferring mercury from an aqueous stream to a natural gas stream upon contacting the aqueous stream with the natural gas stream. Processing of the natural gas stream after used to strip the mercury from the aqueous stream removes the mercury from the natural gas stream.

IPC 8 full level
C22B 43/00 (2006.01)

CPC (source: EP US)
C02F 1/70 (2013.01 - EP US); **C10G 31/00** (2013.01 - EP US); **C10G 33/00** (2013.01 - EP US); **E21B 43/34** (2013.01 - EP US); **B01D 2257/602** (2013.01 - EP US); **C02F 1/001** (2013.01 - EP US); **C02F 2101/20** (2013.01 - EP US); **C02F 2103/18** (2013.01 - EP US); **C02F 2103/365** (2013.01 - EP US); **C10G 2300/1025** (2013.01 - EP US); **C10G 2300/205** (2013.01 - EP US); **C10G 2300/805** (2013.01 - EP US)

Citation (search report)
• [XY] US 4962276 A 19901009 - YAN TSOUNG Y [US]
• [Y] US 4985137 A 19910115 - AUDEH COSTANDI A [US]
• [Y] EP 2053116 A1 20090429 - JGC CORP [JP], et al
• [Y] JP S58224135 A 19831226 - SEITETSU KAGAKU CO LTD
• [Y] JP S60183088 A 19850918 - NIPPON KOKAN KK
• [Y] US 3857704 A 19741231 - COULTER M
• [Y] EP 0097478 A2 19840104 - SEITETSU KAGAKU CO LTD [JP]
• See also references of WO 2011034791A1

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 SE SI SK SM TR

DOCDB simple family (publication)
US 2011068046 A1 20110324; AU 2010295857 A1 20120308; AU 2010295857 B2 20140417; CA 2774488 A1 20110324; CN 102498223 A 20120613; EP 2478123 A1 20120725; EP 2478123 A4 20140611; WO 2011034791 A1 20110324

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