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(54) **PROCESS AND SYSTEM FOR REMOVING IMPURITIES FROM A GAS**

VERFAHREN UND SYSTEM ZUR ENTFERNUNG VON UNREINHEITEN AUS EINEM GAS

PROCÉDÉ ET SYSTÈME POUR ENLEVER DES IMPURETÉS D'UN GAZ

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(56) References cited:
WO-A1-03/084656 US-A- 2 684 124
US-A- 2 782 866 US-A- 4 032 305
US-A- 4 239 742 US-A- 4 247 987
US-A- 5 130 097 US-A- 5 567 228
US-A1- 2003 035 770 US-A1- 2009 020 405
US-A1- 2009 196 809

• **"Chapter 21: Standpipes and nonmechanical valves" In: Wen-Ching Yang: "HANDBOOK OF FLUIDIZATION AND FLUID-PARTICLE SYSTEMS", 1 January 2003 (2003-01-01), KNOWLTON T M ED - MARCEL DEKKER ET AL, XP008131825, ISBN: 978-0-8247-0259-5 pages 571-597, page 571 - page 597**

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