Title (en)

Process and plant for distilling air and application in the feeding of gas to steel plants

Title (de)

Verfahren und Einrichtung zur Luftdestillation und die Verwendung bei der Zuführung von Gas in Stahlwerken

Title (fr)

Procédé et installation de distillation d'air, et application a l'alimentation en gaz d'une aciérie

Publication

EP 0531182 B2 20001227 (FR)

Application

EP 92402246 A 19920806

Priority

FR 9110035 A 19910807

Abstract (en)

[origin: FR2680114A1] The plant is of the type with a double column (2) and a mixing column (6). The latter is fed in the tank with auxiliary air compressed to a pressure differing from that of the intermediate-pressure column (3) and at the head with liquid drawn off at the bottom of the low-pressure column (4) and pumped at the same pressure as the auxiliary air. Impure oxygen is drawn off at the head of the mixing column as output gas, and nearly pure oxygen is produced in the tank of the low-pressure column. <IMAGE>

IPC 1-7

F25J 3/04

IPC 8 full level

F25J 3/04 (2006.01)

CPC (source: EP US)

F25J 3/0409 (2013.01 - EP US); **F25J 3/04303** (2013.01 - EP US); **F25J 3/04466** (2013.01 - EP US); **F25J 3/04557** (2013.01 - EP US); **F25J 3/04678** (2013.01 - EP US); F25J 2200/06 (2013.01 - EP US); F25J 2200/90 (2013.01 - EP US); F25J 2200/94 (2013.01 - EP); F25J 2215/52 (2013.01 - EP US); F25J 2235/50 (2013.01 - EP US); F25J 2250/40 (2013.01 - EP US); F25J 2250/50 (2013.01 - EP US); Y10S 62/915 (2013.01 - EP US); Y10S 62/939 (2013.01 - EP US)

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EP2703757A1; EP1666824A1; EP0932005A1; FR2774159A1; EP1026464A1; FR2789162A1; EP0697576A1; EP0932006A1; FR2774157A1; US6089040A; EP1387136A1; EP0698772A1; US5582035A; EP0636845A1; US6247333B1; DE102012017488A1; DE102013009950A1; US7645319B2; FR2898134A1; EP0982554A1; AU2007220388B2; AU2007220388B8; EA013661B1; WO2007099246A3; WO2014067662A3; US6871513B2; US6295835B1; DE102012017484A1; WO2014037091A2

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