

Title (en)

METHOD AND DEVICE FOR REDUCING BYPRODUCTS IN THE MIXTURE OF EDUCT STREAMS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR VERRINGERUNG VON NEBENPRODUKTEN BEI DER VERMISCHUNG VON EDUKTSTRÖMEN

Title (fr)

PROCEDE ET DISPOSITIF POUR REDUIRE LE NOMBRE DE PRODUITS SECONDAIRES LORS DU MELANGE DE COURANTS D'EDUIT

Publication

EP 1296753 B1 20040310 (DE)

Application

EP 01960430 A 20010629

Priority

- DE 10032269 A 20000703
- EP 0107502 W 20010629

Abstract (en)

[origin: WO0202217A1] The invention relates to a method for mixing educt streams (1, 2; 5) in order to produce a product stream (10), using a mixer configuration (15, 16) that is provided with a number of educt feeding sites. An excess component stream of an educt is subdivided into two partial streams (1, 2) and vertically fed to a mixing chamber (12) in the intake zone (3, 4) of a deficit component (5) that enters the mixing chamber (12).

IPC 1-7

B01F 5/04; **B29B 7/32**; **B01F 5/02**

IPC 8 full level

B01F 5/00 (2006.01); **B01F 5/02** (2006.01); **B01F 5/04** (2006.01); **B01F 3/08** (2006.01); **B01J 19/00** (2006.01); **B29B 7/32** (2006.01); **C07B 43/10** (2006.01); **C07B 61/00** (2006.01); **C07C 263/10** (2006.01); **C07C 265/14** (2006.01); **B01F 13/10** (2006.01); **B01F 15/02** (2006.01)

CPC (source: EP KR US)

B01F 25/30 (2022.01 - KR); **B01F 25/31** (2022.01 - EP US); **B01F 33/8362** (2022.01 - EP); **B01F 35/7179** (2022.01 - EP KR US); **B01F 35/71805** (2022.01 - EP KR US); **B01F 35/83** (2022.01 - EP KR US); **B01F 25/312** (2022.01 - EP US); **B01F 33/8362** (2022.01 - US); **B01F 2101/2805** (2022.01 - EP US)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 0202217 A1 20020110; AT E261335 T1 20040315; AU 8192501 A 20020114; CN 1197643 C 20050420; CN 1434742 A 20030806; DE 10032269 A1 20020131; DE 50101667 D1 20040415; EP 1296753 A1 20030402; EP 1296753 B1 20040310; ES 2217180 T3 20041101; HU 228715 B1 20130528; HU P0301313 A2 20030828; JP 2004501758 A 20040122; JP 4884639 B2 20120229; KR 100691574 B1 20070312; KR 20030028494 A 20030408; PT 1296753 E 20040730; US 2004091406 A1 20040513; US 6896401 B2 20050524

DOCDB simple family (application)

EP 0107502 W 20010629; AT 01960430 T 20010629; AU 8192501 A 20010629; CN 01810877 A 20010629; DE 10032269 A 20000703; DE 50101667 T 20010629; EP 01960430 A 20010629; ES 01960430 T 20010629; HU P0301313 A 20010629; JP 2002506836 A 20010629; KR 20027018004 A 20010629; PT 01960430 T 20010629; US 31228502 A 20021220