

Title (en)
Conveyor device and method for conveying hot material

Title (de)
Fördermittel und Verfahren zum Fördern von heißem Material

Title (fr)
Moyen de transport et procédé de transport de matériau chaud

Publication
EP 2397758 A3 20141224 (DE)

Application
EP 11165600 A 20110511

Priority
DE 102010024020 A 20100616

Abstract (en)
[origin: EP2397758A2] The conveying unit (1) has a conveying band (3,28) and a housing (4) that partially closes the conveying band. A deflection unit (5) is arranged in or at the housing for deflecting a gas flow (6) that flows along to the conveying band. The deflection unit is equipped for deflecting the gas flow transverse to the conveying band. Independent claims are also included for the following: (1) a combustor with material outlet; and (2) a method for conveying hot material with a conveying unit.

IPC 8 full level
F23J 1/02 (2006.01)

CPC (source: EP US)
F23J 1/02 (2013.01 - EP US)

Citation (search report)

- [X] US 2326115 A 19430810 - ARTHUR ALEXANDER F
- [XY] WO 2008142594 A2 20081127 - MAGALDI IND SRL [IT], et al
- [Y] EP 0931981 A2 19990728 - MAGALDI RICERCHE & BREVETTI [IT]
- [X] US 6202573 B1 20010320 - BACHIK ALAN [US]
- [I] US 6230633 B1 20010515 - MAGALDI MARIO [IT], et al
- [I] US 4357762 A 19821109 - EUSTACCHIO CLAUDIO

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 RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2397758 A2 20111221; EP 2397758 A3 20141224; EP 2397758 B1 20160817; EP 2397758 B8 20161109; CN 102297434 A 20111228; CN 102297434 B 20160224; DE 102010024020 A1 20111222; DE 102010024020 B4 20190801; US 2011308435 A1 20111222; US 8733255 B2 20140527

DOCDB simple family (application)
EP 11165600 A 20110511; CN 201110156450 A 20110603; DE 102010024020 A 20100616; US 201113157440 A 20110610