

Title (en)
METHOD FOR OPERATING THE AIR CIRCUIT AND CONVEYING STOCK FLOW IN THE CASING OF A HAMMER MILL

Title (de)
VERFAHREN ZUM BETREIBEN DES LUFTKREISLAUFS UND ZUM FÖRDERN DES GUTSTROMS IM GEHÄUSE EINES HAMMERBRECHERS

Title (fr)
PROCEDE PERMETTANT DE FAIRE FONCTIONNER LE CIRCUIT D'AIR ET DE TRANSPORTER LE FLUX DE PRODUITS DANS LE BOITIER D'UN CONCASSEUR A MARTEAUX ARTICULES

Publication
EP 1102636 A1 20010530 (DE)

Application
EP 99950479 A 19990802

Priority
• DE 9902356 W 19990802
• DE 19835796 A 19980807

Abstract (en)
[origin: US6648253B1] To operate the air circulation and convey the stock flow of scrap material comminuted in the housing (1) of a hammer mill, the airflow generated by the blower effect of a rotor (2) and the stock flow passing through an upper classifying grate (4) are diverted by a deflector hood (8) and guided vertically downwards into a duct (6) that is separate from the housing (1). The stock flow is combined with the stock flow classified in the area of a lower classifying grate (5). The air flow is then guided in the circulating air and the combined stock flow is conveyed to a device (11) for further processing, sorting and/or conveyance.

IPC 1-7
B02C 13/288; B02C 13/282

IPC 8 full level
B09B 5/00 (2006.01); **B02C 13/282** (2006.01); **B02C 13/284** (2006.01); **B02C 13/286** (2006.01); **B02C 13/288** (2006.01); **B02C 13/30** (2006.01); **B07B 7/02** (2006.01); **B07B 9/00** (2006.01); **B09B 3/00** (2006.01)

CPC (source: EP US)
B02C 13/282 (2013.01 - EP US); **B02C 13/288** (2013.01 - EP US); **B02C 23/18** (2013.01 - EP US)

Citation (search report)
See references of WO 0007730A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
US 6648253 B1 20031118; AR 020136 A1 20020410; AT E219703 T1 20020715; AU 6324899 A 20000228; BR 9912789 A 20011009; CA 2351188 A1 20000217; CA 2351188 C 20050517; DE 19835796 A1 20000217; DE 19835796 C2 20011206; DE 59901874 D1 20020801; DK 1102636 T3 20020923; EP 1102636 A1 20010530; EP 1102636 B1 20020626; ES 2178899 T3 20030101; JP 2002522203 A 20020723; PT 1102636 E 20021129; WO 0007730 A1 20000217

DOCDB simple family (application)
US 76248901 A 20010206; AR P990103955 A 19990806; AT 99950479 T 19990802; AU 6324899 A 19990802; BR 9912789 A 19990802; CA 2351188 A 19990802; DE 19835796 A 19980807; DE 59901874 T 19990802; DE 9902356 W 19990802; DK 99950479 T 19990802; EP 99950479 A 19990802; ES 99950479 T 19990802; JP 2000563401 A 19990802; PT 99950479 T 19990802