

Title (en)
METHOD AND DEVICE FOR DRY SEPARATING LIGHT AND HEAVY FRACTIONS OF A GRANULOMETRICALLY PRESIEVED BUILDING RUBBLE MIXTURE

Title (de)
VERFAHREN UND VORRICHTUNG ZUR TROCKENSEPARIERUNG VON LEICHT- UND SCHWERFRAKTIONEN AUS VORGESIEBTEN BAUSTELLENABFÄLLEN

Title (fr)
PROCEDE ET DISPOSITIF PERMETTANT DE SEPARER DES FRACTIONS LEGERES ET LOURDES D'UN MELANGE DE GRAVATS DE CONSTRUCTION PRETAMISE GRANULOMETRIQUEMENT

Publication
EP 1337305 B1 20060719 (EN)

Application
EP 01997338 A 20011121

Priority
• EP 0113520 W 20011121
• IT MI20002508 A 20001122

Abstract (en)
[origin: WO0241967A1] A method and device for separating light fractions, in particular longitudinally extending wood (27), from granulometrically sieved rubble mixtures (9), in which on a vibrating panel (3), are arranged a plurality of partition walls (7) defining channels (8) for orienting and longitudinally guiding the rods (27), where is provided a variable size composite opening (13) allowing to from a first curtain (21) comprising the heavy fractions and smaller light fractions, and a second curtain (24) formed by light paper and larger synthetic sheet material fractions and wood "rods" (27) or only by the latter. The subject separating device (1) can be used as an end separating stage, and can practically provide a recovery of the actual end weight due to the residual presence of the light fraction comprising the wood rods (27) to prevent any disposal of in disposal sites, since the rods (27) are cleaned and accordingly can be reused. Moreover, the end inert material, after the above mentioned operation, is cleaner and has an improved value.

IPC 8 full level
B01D 29/44 (2006.01); **B01D 33/01** (2006.01); **B07B 4/02** (2006.01); **B07B 13/00** (2006.01); **B07B 13/05** (2006.01)

CPC (source: EP)
B07B 4/02 (2013.01); **B07B 13/003** (2013.01); **B07B 13/05** (2013.01)

Cited by
CN113600490A

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 0241967 A1 20020530; AT E333313 T1 20060815; DE 60121616 D1 20060831; EP 1337305 A1 20030827; EP 1337305 B1 20060719; IT 1320091 B1 20031118; IT MI20002508 A1 20020522

DOCDB simple family (application)
EP 0113520 W 20011121; AT 01997338 T 20011121; DE 60121616 T 20011121; EP 01997338 A 20011121; IT MI20002508 A 20001122