

Title (en)

Device for producing an uniform layer from a continuous flow of a thick layer of material

Title (de)

Anordnung zum Bilden einer Monolage aus einem kontinuierlich zugeführten dickschichtigen Materialstrom

Title (fr)

Dispositif pour la formation d'une mono-couche à partir d'une épaisse couche de matière continue

Publication

EP 1027837 B1 20060705 (DE)

Application

EP 00101913 A 20000201

Priority

- DE 19906125 A 19990213
- DE 19918774 A 19990424

Abstract (en)

[origin: EP1027837A2] The arrangement has a conveyor belt system that accelerates and extends the delivered material flow with a conveyor belt cascade with at least two consecutive acceleration belts (6,7) in the delivery direction (2). The conveyor belt cascade is associated with a supplying device in the form of a vibrating conveyor channel (19) delivering a flow of material of thickness of the order of 7 cm.

IPC 8 full level

A24C 5/39 (2006.01); **B07C 5/02** (2006.01); **A24B 1/04** (2006.01); **A24B 3/18** (2006.01)

CPC (source: EP US)

A24B 1/04 (2013.01 - EP US); **A24B 3/18** (2013.01 - EP US); **A24C 5/39** (2013.01 - EP US)

Cited by

CN103126068A; DE102019132931A1; DE102004015463A1; DE102004015463B4; US7448391B2; WO2021110682A1

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)

EP 1027837 A2 20000816; **EP 1027837 A3 20040303**; **EP 1027837 B1 20060705**; AT E332088 T1 20060715; CN 1149169 C 20040512; CN 1263856 A 20000823; DE 50013100 D1 20060817; ES 2264654 T3 20070116; JP 2000237693 A 20000905; PL 192027 B1 20060831; PL 338329 A1 20000814; US 6332543 B1 20011225

DOCDB simple family (application)

EP 00101913 A 20000201; AT 00101913 T 20000201; CN 00102314 A 20000212; DE 50013100 T 20000201; ES 00101913 T 20000201; JP 2000032190 A 20000209; PL 33832900 A 20000209; US 50332000 A 20000214