

Title (en)
Equalizing roll

Title (de)
Egalisierungswalze

Title (fr)
Rouleau égaliseur

Publication
EP 1216803 B1 20061129 (DE)

Application
EP 01130408 A 20011220

Priority
DE 10064541 A 20001222

Abstract (en)
[origin: EP1216803A2] A rotatable cylindrical roll (7) carries annular discs (2,16,17,18) at an angle to the disc axis (15). On rotation the discs perform a wobbling movement, the movement area of each disc overlapping that of an adjacent disc. Discs are circular and adjacent discs are tangentially offset relative to each other by 90-150 [deg] around the roll. An independent claim is also included for a process for leveling a scattered layer of loose material using the claimed roll (1). The roll is positioned at a specific height onto the surface of a fleece (3) of scattered material on the conveyer belt and rotates against the belt conveying direction. The circumferential speed of the roll (7) is at least equal to the conveyer belt speed.

IPC 8 full level
B27N 3/14 (2006.01)

CPC (source: EP)
B27N 3/14 (2013.01)

Cited by
CN108044761A; DE10206594A1

Designated contracting state (EPC)
DE FI IT SE

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EP 1216803 A2 20020626; EP 1216803 A3 20050727; EP 1216803 B1 20061129; DE 10064541 A1 20030430; DE 50111541 D1 20070111

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