

Title (en)
AIR FLOOR GRATING

Title (de)
BODENLÜFTUNGSGITTER

Title (fr)
PLANCHER D'AERATION EN ELEMENTS A CLAIRE-VOIE

Publication
EP 0866903 A4 20010328 (EN)

Application
EP 96944356 A 19961212

Priority
• US 9619868 W 19961212
• US 865495 P 19951215

Abstract (en)
[origin: WO9722765A1] An air floor for curing compost made of a series of light weight, relatively short grates (10) each containing a plurality of air slits (12) narrow at the top (14) of the grate openings and progressively widening toward the bottom (16) of the opening and structure (20) supporting the grates (10) to provide a span spaced to limit the bending moment to which the grates (10) are subjected and to provide space (26) beneath the grates (10) to facilitate removal of compost passing through the air slits (12) and to permit unobstructed air flow through the grates (10).

IPC 1-7
E04B 5/48; **C05F 17/02**

IPC 8 full level
A01K 1/015 (2006.01); **C05F 17/02** (2006.01); **E04B 5/48** (2006.01)

CPC (source: EP)
C05F 17/964 (2020.01); **E04B 5/48** (2013.01); **Y02P 20/145** (2015.11); **Y02W 30/40** (2015.05)

Citation (search report)
• [X] DE 9316094 U1 19940224 - DALSEM VECIAP B V [NL]
• [A] US 5409831 A 19950425 - WRIGHT JAMES [CA]
• [A] DE 29507582 U1 19950713 - WEIDNER GMBH [DE]
• [A] US 5294235 A 19940315 - STUETZLE HUGO [DE]
• See references of WO 9722765A1

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

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