

Title (en)
COMPOSTING APPARATUS

Title (de)
KOMPOSTIERVORRICHTUNG

Title (fr)
APPAREIL DE COMPOSTAGE

Publication
EP 0724550 A4 19980701 (EN)

Application
EP 94930860 A 19941020

Priority
• AU 9400635 W 19941020
• AU PM191093 A 19931020

Abstract (en)
[origin: WO9511206A1] A composting assisting apparatus comprising a support frame (24) rotatably supporting a plurality of helically aligned and individually inclined blades (22) arranged on two parallel drums so as to be rotated about an axis transversely orientated to a forward direction when the support frame (24) is forwardly advancing, means (15 and 16) to introduce water into waste at locations where the waste will be airborne from the effect of the blades (22), rotational drive means arranged to rotate the blades (22) when the support frame (24) is being caused to be moved forwardly altogether such that waste engaged by the blades will be caused to be both broken up, aerated and directed toward a centre location as the support frame moves forwardly.

IPC 1-7
C05F 9/02; **C05F 17/02**; **B02C 18/14**; **B02C 18/18**

IPC 8 full level
B02C 18/00 (2006.01); **C05F 9/02** (2006.01); **C05F 17/02** (2006.01)

CPC (source: EP)
C05F 17/943 (2020.01); **Y02P 20/145** (2015.11); **Y02W 30/40** (2015.05)

Citation (search report)
• [X] US 5253467 A 19931019 - SIMS JR FLETCHER [US]
• [X] US 5001894 A 19910326 - SLATER JAMES A [US]
• [X] DE 9003196 U1 19900621
• See references of WO 9511206A1

Cited by
CN104056701A

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

DOCDB simple family (publication)
WO 9511206 A1 19950427; CA 2174640 A1 19950427; CN 1134144 A 19961023; EP 0724550 A1 19960807; EP 0724550 A4 19980701; JP H09503991 A 19970422; NZ 274772 A 19980427

DOCDB simple family (application)
AU 9400635 W 19941020; CA 2174640 A 19941020; CN 94193879 A 19941020; EP 94930860 A 19941020; JP 51109495 A 19941020; NZ 27477294 A 19941020