

Title (en)
AUTOMATED WORM LINE

Title (de)
AUTOMATISIERTE SCHNECKENLINIE

Title (fr)
CHAÎNE DE VERS AUTOMATISÉE

Publication
EP 3802465 A1 20210414 (EN)

Application
EP 19742906 A 20190605

Priority
• GB 201809167 A 20180605
• IB 2019054678 W 20190605

Abstract (en)
[origin: GB2574414A] An automated worm line 200 comprising: a container station 10; one or more container conveyors 14; an organic material station 20; one or more organic material conveyors 24; a worm filling station 30; one or more worm conveyors 34 wherein organic material filled containers are filled with working worms 400a; a transfer station 50 for transferring organic material filled containers from the worm line; a storage station 60 for organic material filled containers where the filled containers are stored for a time sufficient for the working worms 400a to work the organic material before being transferred back onto the worm line; a container emptying station 70; a separating station where worms are separated from compost and working worms are separated from worms for harvesting; one or more compost conveyors 74 for conveying the emptied worms 400 and worm compost 300 from the container emptying station 70 to the separating station 80; a worm collecting station 90; a compost collecting station 100; and one or more worm compost conveyors 84 to convey the worm compost 300 for collecting. Also claimed is a method for the production of worms and worm compost. Worms are from the genus Eisenia or Dendrobaena.

IPC 8 full level
C05F 17/00 (2020.01)

CPC (source: EP GB)
A01K 67/0332 (2013.01 - EP GB); **C05F 17/05** (2020.01 - EP); **C05F 17/939** (2020.01 - EP); **Y02P 20/145** (2015.11 - EP); **Y02W 30/40** (2015.05 - EP)

Citation (search report)
See references of WO 2019234653A1

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