

Title (en)

Apparatus for making reinforced-earth zones constituted by a mixture of granular material and textile yarns.

Title (de)

Einrichtung zur Ausführung von aus einer Mischung von körnigem Baustoff und Textilfäden hergestellten armierten Bodenzonen.

Title (fr)

Machine pour réaliser des zones de terrains renforcées constituées à partir d'un mélange d'un matériau granulaire et de fils textiles.

Publication

EP 0388276 A1 19900919 (FR)

Application

EP 90400655 A 19900313

Priority

FR 8903399 A 19890315

Abstract (en)

The invention relates to the making of earth zones by means of a machine equipped with a movable arm (2), with means (20, 22, 24, 26) for distributing a granular material and with ejectors (8) supplied with textile yarns (10). According to the invention, the machine is equipped, furthermore, with a supporting frame (6) which is removable from the arm head (2) and on which is mounted a carriage forming a support for the ejectors (8) fastened to a shaft which is mounted so as to oscillate about its axis and, moreover, is subjected to an alternating translational motion parallel to its axis of oscillation. The carriage can also be movable in translational motion perpendicularly to the axis of oscillation of the ejector-carrying shaft. The invention is used for making reinforced earth zones. <IMAGE>

IPC 1-7

E02D 3/00

IPC 8 full level

E01C 21/00 (2006.01); **E02D 3/00** (2006.01)

CPC (source: EP)

E01C 21/00 (2013.01); **E02D 3/00** (2013.01)

Citation (search report)

- [X] FR 2572449 A1 19860502 - FRANCE ETAT PONTS CHAUSSEES [FR]
- [A] FR 2572435 A1 19860502 - TEXSOL APPLIC [FR]
- [A] FR 2587317 A1 19870320 - RHONE POULENC FIBRES [FR]

Cited by

EP2305893A1; AU735483B2; FR2950091A1; WO9413889A1

Designated contracting state (EPC)

AT BE CH DE DK ES GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0388276 A1 19900919; EP 0388276 B1 19920603; AT E76918 T1 19920615; DE 69000119 D1 19920709; FR 2644490 A1 19900921; FR 2644490 B1 19920117; KR 900013834 A 19901022

DOCDB simple family (application)

EP 90400655 A 19900313; AT 90400655 T 19900313; DE 69000119 T 19900313; FR 8903399 A 19890315; KR 900003481 A 19900315