

Title (en)

Engine for the displacement and translation of transposable and mobile dividers such as concrete blocks constituting a barrier.

Title (de)

Maschine zur Umsetzung und Transposition durch Translation von transponierbaren, mobilen Teilern, wie Absperrung bildende Betonblöcke.

Title (fr)

Engin de déplacement et de transposition par translation de séparateurs transposables et mobiles tels que des blocs de béton constituant un balisage.

Publication

EP 0172062 A2 19860219 (FR)

Application

EP 85401393 A 19850709

Priority

FR 8410899 A 19840709

Abstract (en)

1. An autonomous machine for the sideways movement and transfer of transferable, movable separators such as concrete blocks forming boundary marking and defining at least one side of a road or motorway traffic lane, the machine being of the type which includes a channel for guiding successive blocks forming a row of blocks, the channel being generally S-shaped and including an inlet and an outlet which are offset, the row of blocks being lifted from the ground, suspended in the guide channel, passed through the guide channel, and moved sideways through a predetermined distance which corresponds to the width of a traffic lane in order to create a barrier for separating two lanes for traffic travelling in opposite directions, the machine being characterised in that it includes two sets of steerable wheels (4, 5) which are controlled by steering devices (6) which enable the machine to move forwards and backwards in straight lines as well as to rotate completely, the sets of steerable wheels enabling the offset of the inlet (11) of the guide channel (10) relative to its outlet (12) to be adjusted by a distance adjustable according to minimum and maximum lane widths, the inlet (15) and the outlet (16) of the guide channel always being parallel to the associated wheels.

Abstract (fr)

a) L'invention concerne un engin de déplacement et de transposition par translation de séparateurs tels que des blocs de béton. b) Engin caractérisé en ce qu'il comporte des moyens de commande (4, 5, 6, 8, 9, 10, 13, 14) pour régler le décalage de l'entrée (11) par rapport à la sortie (12) du couloir de guidage (10), suivant une distance réglable correspondant à une largeur de voie minimum et maximum, l'entrée (15) et la sortie (16) du couloir de guidage (10) étant toujours parallèles aux roues associées. c) L'invention trouve son application principale dans le domaine des travaux publics.

IPC 1-7

E01F 13/00; E01F 15/00

IPC 8 full level

E01F 13/00 (2006.01); **E01F 15/00** (2006.01)

CPC (source: EP)

E01F 15/006 (2013.01)

Cited by

CN113152214A; CN105102720A; EP0605976A1; EP0300510A1; US4876784A; EP0527093A1; FR2678872A1; CN103806383A; FR2826675A1

Designated contracting state (EPC)

AT BE CH DE GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0172062 A2 19860219; EP 0172062 A3 19870520; EP 0172062 B1 19891102; AT E47735 T1 19891115; DE 3574036 D1 19891207; FR 2567170 A1 19860110; FR 2567170 B1 19880226

DOCDB simple family (application)

EP 85401393 A 19850709; AT 85401393 T 19850709; DE 3574036 T 19850709; FR 8410899 A 19840709