

Title (en)

Method of machine filling a trench and apparatus for effecting same.

Title (de)

Vorrichtung und Verfahren zum maschinellen Füllen von Gräben.

Title (fr)

Dispositif et procédé pour remplir mécaniquement des tranchées.

Publication

**EP 0164242 A2 19851211 (EN)**

Application

**EP 85303725 A 19850528**

Priority

GB 8413629 A 19840529

Abstract (en)

The invention relates to a method and apparatus for the machine filling of a trench with a flowable filler e.g., asphalt. The method comprises introducing filler 12 into the trench 18 from a mould 1, the latter being advanceable along the trench 18, and the mould 1 precluding forward spreading of filler 12 to trench area 18B, with advancement of the mould 1 commencing when a pre-determined filler pressure is sensed, the filler 12 firstly being shaped and/or skimmed to a level L above the top of the trench 18, and thereafter being pressed to a level contiguous with surfaces 17 to either side of the trench 18 by means of a pressure plate 23. The mould 1 comprises leading, intermediate and trailing mould portions 4, 5, 6, the leading portion 4 being provided with restraining wall(s) 7, the intermediate portion being provided with shaping/skimming surface 21, and the trailing portion 6 being provided with a transition surface 22 and pressure plate 23.

IPC 1-7

**E01C 19/48**

IPC 8 full level

**E01C 19/48** (2006.01); **E01C 23/06** (2006.01); **E01C 23/09** (2006.01)

CPC (source: EP)

**E01C 23/06** (2013.01); **E01C 23/098** (2013.01); **E01C 2301/10** (2013.01)

Cited by

NL1023882C2; CN116732857A; US9816236B2; US9816237B2

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

**EP 0164242 A2 19851211**; **EP 0164242 A3 19870121**; **EP 0164242 B1 19891206**; AT E48453 T1 19891215; DE 3574606 D1 19900111; GB 8413629 D0 19840704

DOCDB simple family (application)

**EP 85303725 A 19850528**; AT 85303725 T 19850528; DE 3574606 T 19850528; GB 8413629 A 19840529