

Title (en)  
Trenching apparatus.

Title (de)  
Gerät zum Ziehen von Gräben.

Title (fr)  
Appareil pour creuser des tranchées.

Publication  
**EP 0123468 A1 19841031 (EN)**

Application  
**EP 84302352 A 19840406**

Priority  
GB 8309615 A 19830408

Abstract (en)  
Apparatus for forming a trench comprises a blade carrier (17, 18, 19) holding a blade (26), in use, in a position with its leading edge inclined upwardly towards the rear of the carrier; a soil lifting plate (33) is secured to the leading edge of the blade to be drawn through the ground and lift out the soil to form a trench the same width as the plate. Side walls (35) prevent the removed soil from falling back into the trench until a hopper (42) forming part of the apparatus, and itself having downwardly projecting trench-supporting side walls (48, 49), has passed. Stones or gravel, or a flexible cable, or a drainage pipe, can be introduced into the bottom of the trench through the hopper and inclined soil-return deflector plates (59, 60) carried by the hopper act to draw the displaced soil back over the trench so that the trench opening, filling and closing operations are all done in a single pass.

IPC 1-7  
**E02F 5/10**; **E02F 5/12**

IPC 8 full level  
**E02F 5/10** (2006.01); **E02F 5/12** (2006.01)

CPC (source: EP)  
**E02F 5/102** (2013.01); **E02F 5/12** (2013.01)

Citation (search report)

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Designated contracting state (EPC)  
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