

Title (en)  
CANAL CONSTRUCTION MACHINE

Publication  
**EP 0009123 B1 19820623 (DE)**

Application  
**EP 79103011 A 19790817**

Priority  
DE 2840800 A 19780920

Abstract (en)  
[origin: JPS5542997A] PURPOSE:In a waterway constructing machine for continuous operation system in the longitudinal direction of the waterway, to ensure that the machine can be supported on a graded slant surface instead of on a cliff by rotatably pivoting a running mechanism on a machine frame in intersecting manner relative to the running direction. CONSTITUTION:Wheels 1 and 2 are supported on the slant surface 5a and 5b of waterway cross section which are substantially trapezoid in shape and extending while opposed to each other at an angle 5. A machine frame 6 is provided with a frame portion 6a directed downward in the central region and the bottom region 7, and extended in the longitudinal direction of the waterway. Oscillating arms 8a and 8b are freely foldably and expandably fitted to the frame portion 6a. Joints 9a and 9b can rotate the arms 8a and 9b outward. Piston rods 10a and 10b and hydraulic piston cylinder drive means 11 are pivoted on the arms 8a and 8b, and cylinders 11a and 11b are freely foldably and expandably fitted to the machine frame 6. The machine frame 6 is formed as cantilevers 12a and 12b on one side or both sides of the frame portion 6a.

IPC 1-7  
**E02B 5/02**

IPC 8 full level  
**E02B 3/12** (2006.01); **E02B 5/02** (2006.01); **E02F 3/10** (2006.01); **E02F 5/06** (2006.01); **E02F 5/12** (2006.01); **E02F 5/14** (2006.01); **E02F 9/02** (2006.01); **E02F 9/08** (2006.01); **E02F 5/02** (2006.01)

CPC (source: EP US)  
**E02B 3/121** (2013.01 - EP US); **E02B 5/02** (2013.01 - EP US); **E02F 3/10** (2013.01 - EP US); **E02F 5/12** (2013.01 - EP US); **E02F 5/145** (2013.01 - EP US); **E02F 9/024** (2013.01 - EP US); **E02F 9/0841** (2013.01 - EP US)

Citation (examination)  
US 2885861 A 19590512 - CORWILL JACKSON

Cited by  
EP0071074A3

Designated contracting state (EPC)  
BE FR GB NL

DOCDB simple family (publication)  
**DE 2840800 B1 19790613**; **DE 2840800 C2 19800214**; EP 0009123 A1 19800402; EP 0009123 B1 19820623; JP S5542997 A 19800326; JP S5852045 B2 19831119; US 4432672 A 19840221

DOCDB simple family (application)  
**DE 2840800 A 19780920**; EP 79103011 A 19790817; JP 10855579 A 19790824; US 32371381 A 19811123