

Title (en)

IMPROVEMENTS IN TELESCOPIC COLUMN STRUCTURES FOR EXCAVATING TRENCHES, FOUNDATIONS AND THE LIKE

Publication

**EP 0016736 B1 19830511 (EN)**

Application

**EP 80830006 A 19800207**

Priority

IT 8333879 A 19790221

Abstract (en)

[origin: EP0016736A1] The columns (15) are sustained and guided by tractors or other suitable means and terminally carrying the excavation tools (21), such improvements including in combination and coordination a support and positioning auxiliary platform (16) which is at least partially mobile, a support plate (27) which is at least partially rotating and sustained by said auxiliary platform (16) and supporting the said telescopic column; there being included means (18) for generating the frontal oscillation of the auxiliary platform (16) and means (32) for generating the partial rotation of the said support plate (27).

IPC 1-7

**E02F 5/20**; **E02F 9/14**

IPC 8 full level

**E02D 7/16** (2006.01); **E02F 3/413** (2006.01); **E02F 9/14** (2006.01)

CPC (source: EP)

**E02D 7/16** (2013.01); **E02F 3/413** (2013.01); **E02F 9/14** (2013.01)

Cited by

ES2065208A2; NL1033050C2; EP1950353A1; EP0533559A1; FR2681351A1; US7685749B2; WO2008072950A3; JP2013249703A; EP0872596B1

Designated contracting state (EPC)

BE DE FR GB

DOCDB simple family (publication)

**EP 0016736 A1 19801001**; **EP 0016736 B1 19830511**; DE 3063011 D1 19830616; IT 1125326 B 19860514; IT 7983338 A0 19790221

DOCDB simple family (application)

**EP 80830006 A 19800207**; DE 3063011 T 19800207; IT 8333879 A 19790221