

Title (en)

Pneumatic excavation pipe for collecting soil and suction excavator with such an excavation tube

Title (de)

Pneumatisches Absaugrohr zum Aufnehmen von Erdreich und Saugbagger mit einem solchen Absaugrohr

Title (fr)

Tube de succion pneumatique pour ramasser de la terre et excavatrice par aspiration munie dudit tube

Publication

EP 1464762 B1 20091202 (DE)

Application

EP 04006314 A 20040317

Priority

- DE 10315335 A 20030403
- DE 10318720 A 20030425
- DE 10320238 A 20030507
- DE 20308282 U 20030525

Abstract (en)

[origin: EP1464762A1] The suction pipe (3) contains slits (14) above the crown (11) so that air can flow them in order to bypass the lower crown opening and ensure a laminar flow in the pipe. The pipe is used to suck up soil via a thin flow method and its bottom end is provided with a crown and its top end is connectable to a suction hose (24). An independent claim is also included for a suction dredger with this pipe.

IPC 8 full level

E02F 3/90 (2006.01); **E02F 3/92** (2006.01)

CPC (source: EP)

E02F 3/9262 (2013.01)

Cited by

EP2322727A1; CN111188376A; FR3006276A1; DE202010009489U1; DE102009052833A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1464762 A1 20041006; EP 1464762 B1 20091202

DOCDB simple family (application)

EP 04006314 A 20040317