

Title (en)
RAIL-MOUNTED SURFACE-MACHINING TOOL

Title (de)
SCHIENENGEFÜHRTES OBERFLÄCHENBEARBEITUNGSGERÄT

Title (fr)
APPAREIL DE TRAITEMENT DE SURFACES GUIDE SUR RAILS

Publication
EP 0970278 A1 20000112 (DE)

Application
EP 99900196 A 19990119

Priority
• CH 9900022 W 19990119
• CH 15398 A 19980123

Abstract (en)
[origin: WO9937863A1] A rail-mounted surface-machining tool has a frame (1) for supporting a number of pressure rollers (7) and means for vertically adjusting the pressure rollers (7). The pressure rollers (7) are arranged in two parallel rows which are perpendicular to the rails and overlap in their range of action. The pressure rollers (7) are mounted on a holder (6) which can swivel about an axis of oscillation (8) of the pressure rollers and whose swivelling range can be limited on the supporting frame (1). The pressure rollers (7) are vertically movable in a setting range E in a roller bearing on the holder (6). The advantage of this device is that the pressure exercised by the pressure rollers (7) on the front or opposite side can be varied, enabling a grit coating to be anchored, for example in a mastic asphalt mass, in a much more easily controlled manner. Surfaces with strong slopes can also be more easily processed and guidance on the rails is improved.

IPC 1-7
E01C 19/29

IPC 8 full level
E01C 19/29 (2006.01)

CPC (source: EP)
E01C 19/29 (2013.01)

Citation (search report)
See references of WO 9937863A1

Cited by
EP1739234A1; EP2336425A1

Designated contracting state (EPC)
AT CH DE IT LI

DOCDB simple family (publication)
WO 9937863 A1 19990729; AT E245230 T1 20030815; AU 1866799 A 19990809; CH 692856 A5 20021129; DE 59906284 D1 20030821; EP 0970278 A1 20000112; EP 0970278 B1 20030716

DOCDB simple family (application)
CH 9900022 W 19990119; AT 99900196 T 19990119; AU 1866799 A 19990119; CH 15398 A 19980123; DE 59906284 T 19990119; EP 99900196 A 19990119