

Title (en)
Apparatus for grinding rails

Title (de)
Einrichtung zum Schleifen von Schienen

Title (fr)
Dispositif pour meuler des rails

Publication
EP 0665332 B1 19980415 (DE)

Application
EP 94890222 A 19941228

Priority
AT 18094 A 19940201

Abstract (en)
[origin: EP0665332A1] The distance between support frame (6) or the pivot axis (21) extending in longitudinal track direction, and a support roller (10) opposite to the grinder unit (26), is reducible by a length compensation unit (14). The unit has a device (17), to generate a contact pressure force for the grinder on an inner flank of the head of the rail (3) to be ground. The contact pressure acts against a distance reduction. With max. distance between frame and support roller, the pivot axis of the frame is located at a distance, outside the rail, to a top outer rail head edge, in horizontal and in vertical direction.

IPC 1-7
E01B 31/17

IPC 8 full level
E01B 31/17 (2006.01)

CPC (source: EP US)
E01B 31/17 (2013.01 - EP US)

Cited by
EP3199703A1; CN102939419A; EP3480359A1; DE19640373A1; DE19640373C2; EP1126084A2; WO2017035210A1; WO2011147527A1; US9708777B2; US10246830B2

Designated contracting state (EPC)
AT CH DE FR GB IT LI SE

DOCDB simple family (publication)
EP 0665332 A1 19950802; EP 0665332 B1 19980415; AT E165129 T1 19980515; CA 2141511 A1 19950802; CA 2141511 C 20050426; CN 1097662 C 20030101; CN 1109936 A 19951011; CZ 11295 A3 19950816; CZ 280997 B6 19960515; DE 59405715 D1 19980520; RU 2083753 C1 19970710; RU 95101063 A 19961127; SK 280807 B6 20000814; SK 8395 A3 19950809; US 5575709 A 19961119

DOCDB simple family (application)
EP 94890222 A 19941228; AT 94890222 T 19941228; CA 2141511 A 19950131; CN 95101610 A 19950128; CZ 11295 A 19950117; DE 59405715 T 19941228; RU 95101063 A 19950125; SK 8395 A 19950123; US 37736795 A 19950124