

Title (en)
CONSTRUCTION MACHINE

Title (de)
BAUMASCHINE

Title (fr)
MACHINE DE CHANTIER

Publication
EP 1646484 A1 20060419 (DE)

Application
EP 04727518 A 20040415

Priority
• EP 2004003940 W 20040415
• DE 10331970 A 20030714

Abstract (en)
[origin: WO2005005119A1] The invention relates to a construction machine for machining floor surfaces, said machine comprising a milling roll provided with a plurality of tool holders (23) on the surface thereof. A tool (30), especially a straight shank tool, is received in a tool receiving element (24) of the tool holder in an exchangeable manner. The aim of the invention is to be able to change the tool in one such construction machine in a simplified manner. To this end, the milling roll is associated with a tool changing device, and said tool changing device dismounts the tool(s) from the tool holder and/or mounts said tool(s) in the same.

IPC 1-7
B28D 1/18; **E21C 35/18**; **E01C 23/088**

IPC 8 full level
B28D 1/18 (2006.01); **E01C 23/088** (2006.01); **E21C 35/18** (2006.01)

CPC (source: EP US)
B28D 1/188 (2013.01 - EP US); **E01C 23/088** (2013.01 - EP US); **E21C 35/18** (2013.01 - EP US); **E21C 35/188** (2020.05 - EP); **E21C 35/188** (2020.05 - US)

Citation (search report)
See references of WO 2005005119A1

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)
WO 2005005119 A1 20050120; AU 2004255307 A1 20050120; AU 2004255307 B2 20090820; BR PI0412551 A 20060919; BR PI0412551 B1 20150908; CN 1816432 A 20060809; CN 1816432 B 20101027; DE 10331970 A1 20050210; DE 10331970 B4 20080131; EP 1646484 A1 20060419; EP 1646484 B1 20160323; EP 2060375 A1 20090520; EP 2060375 B1 20160518; EP 2915642 A1 20150909; EP 2915642 B1 20170628; JP 2007533875 A 20071122; JP 4714146 B2 20110629; RU 2006104563 A 20060827; RU 2332538 C2 20080827; US 2007132304 A1 20070614; US 7401862 B2 20080722

DOCDB simple family (application)
EP 2004003940 W 20040415; AU 2004255307 A 20040415; BR PI0412551 A 20040415; CN 200480019041 A 20040415; DE 10331970 A 20030714; EP 04727518 A 20040415; EP 09003594 A 20040415; EP 15150872 A 20040415; JP 2006519776 A 20040415; RU 2006104563 A 20040415; US 56422204 A 20040415