

Title (en)
GEARED MACHINE

Title (de)
ZAHNRADMASCHINE

Title (fr)
MACHINE A ENGRENAGES

Publication
EP 0614510 B1 19960124 (DE)

Application
EP 92923390 A 19921112

Priority
• DE 4138913 A 19911127
• EP 9202592 W 19921112

Abstract (en)
[origin: WO9311357A1] Proposed is a geared machine with at least two meshing gearwheels whose tooth profile is made up of various different curves. The flanks (21) of the individual teeth (3; 5; 40, 50) have an involute profile (25) in the central section and, adjacent to it, a curved section (27) which passes tangentially into a linear section (29) which cuts directly the end face (11) of the tooth, thus giving, at the pitch point in the involute-profile section (25), a straight line of action.

IPC 1-7
F04C 2/18

IPC 8 full level
F04C 2/18 (2006.01); **F04C 2/08** (2006.01)

CPC (source: EP US)
F04C 2/084 (2013.01 - EP US); **Y10T 74/19972** (2015.01 - EP US)

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