

Title (en)
ROLLING METHOD AND ROLLING MACHINE

Publication
EP 0342408 B1 19930811 (EN)

Application
EP 89107705 A 19890427

Priority
JP 11931388 A 19880518

Abstract (en)
[origin: EP0342408A1] A workpiece to be rolled is formed in its surface with a large number of recesses for retaining a lubricating fluid therein, and then the workpiece is rolled while the lubricating fluid is confined in the recesses. A rolling machine comprising a rolling mill further includes a recess impressing unit for forming a large number of recesses in the surface of the workpiece, which is provided on the inlet side of the rolling mill. The recess impressing unit includes a pair of pinch rolls formed with a large number of projections. The rolling machine further includes a nozzle for spraying the lubricating fluid which is provided on the inlet side of work rolls for rolling.

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EP 0342408 A1 19891123; EP 0342408 B1 19930811; BR 8902304 A 19900109; CN 1020552 C 19930512; CN 1038601 A 19900110; DE 68908264 D1 19930916; DE 68908264 T2 19931216; JP 2563478 B2 19961211; JP H01289503 A 19891121; KR 900017674 A 19901219; KR 930008326 B1 19930830

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