

Title (en)
BURNISHING DEVICE

Publication
EP 0213256 B1 19910717 (DE)

Application
EP 86100404 A 19860114

Priority
EP 85110946 A 19850830

Abstract (en)
[origin: US4766753A] Surface-hardening and smoothing rolling apparatus includes at least one movable rolling device at least including a die carrier with at least one backing element, as well as at least one additional rolling device, the movable and additional rolling device being carried by a standard disposed on a slide, the movable rolling device being arranged so that the position thereof is changeable relative to that of the additional rolling device in a radial plane of a crankshaft to be rolled.

IPC 1-7
B24B 5/42; B24B 39/04

IPC 8 full level
B24B 39/04 (2006.01)

CPC (source: EP US)
B24B 39/045 (2013.01 - EP US)

Cited by
EP3186035A4; EP0461293A1; US5235838A; CN101862863A; DE102007003772A1; DE102007003772B4; EP1779972A3; RU2615966C1; US5001917A; EP3071368A4; DE10060219A1; DE10060219B4; DE19722308C1; US5943893A; EP0881041A3; US10010982B2; WO2015057201A1; DE212007000073U1; WO2008049466A1

Designated contracting state (EPC)
DE FR IT

DOCDB simple family (publication)
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EP 86100404 A 19860114; DE 3680261 T 19860114; US 90215286 A 19860829