

Title (en)
Hollow shell roll

Title (de)
Hohlmantelwalze

Title (fr)
Cylindre à enveloppe creuse

Publication
EP 1179373 A2 20020213 (DE)

Application
EP 01117980 A 20010725

Priority
DE 10039000 A 20000810

Abstract (en)
Hollow casing roller receives a core body (2) as plain bearing formed with balls which change over the periphery and the core ball length (4).
Preferred Features: A lubricant feed bore (11) is provided in the core body and leads from a channel (13) to a distribution groove (12) inserted on the periphery of the core body. The core body is divided into several zones and these zones are divided into lubricant feed regions.

Abstract (de)
Bei einer Hohlmantelwalze die ein um die Mittelachse drehbaren, hydraulisch abgestützten Kernkörper als Gleitlager aufnimmt, wird vorgeschlagen, dass der Kernkörper mit über den Umfang und der Kernballenlänge veränderlichem Ballen ausgebildet ist.

IPC 1-7
B21B 27/05; **B21B 31/07**

IPC 8 full level
B21B 27/05 (2006.01); **B21B 31/07** (2006.01)

CPC (source: EP)
B21B 27/05 (2013.01); **B21B 31/07** (2013.01)

Cited by
CN105683561A; WO2015058896A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1179373 A2 20020213; **EP 1179373 A3 20040324**; **EP 1179373 B1 20050608**; AT E297267 T1 20050615; DE 10039000 A1 20020221; DE 50106434 D1 20050714

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