

Title (en)
TWO PIECE CASTING WHEEL

Publication
EP 0098968 B1 19870603 (EN)

Application
EP 83105575 A 19830607

Priority
US 39775582 A 19820713

Abstract (en)
[origin: EP0098968A1] The application provides a chilled casting wheel. An annular wheel core member (7) has axially extending channels (8) formed about a circumferential, outer peripheral surface (11) thereof and is adapted to rotate about a concentric axis of rotation (28). A cylindrical, axially extending wheel rim member (10) concentrically connected to the core peripheral surface has a preselected interference fit therewith to provide a preselected residual, circumferential stress within the rim. A coolant mechanism directs a fluid coolant to the interior surface (29) of the rim and through the channels.

IPC 1-7
B21B 27/08; B22D 11/00; B22D 11/06

IPC 8 full level
B22D 11/00 (2006.01); **B22D 11/06** (2006.01)

CPC (source: EP)
B22D 11/005 (2013.01); **B22D 11/0682** (2013.01)

Cited by
EP0260835A3; CN102794418A; EP0428464A1; FR2654372A1; US5152333A; TR25113A; CN106735011A; US9768949B2; WO9211959A1; US8154111B2

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EP 83105575 A 19830607; AU 1527283 A 19830601; CA 432290 A 19830712; DE 3371877 T 19830607; JP 12406883 A 19830707