

Title (en)

METHOD OF MANUFACTURING A COUPLING ELEMENT

Publication

**EP 0155617 B1 19880810 (DE)**

Application

**EP 85102770 A 19850312**

Priority

US 59252284 A 19840323

Abstract (en)

[origin: US4539246A] A method of forming a socket with a cast-in spherical ball having a central opening formed therethrough. The method includes preparation of a core assembly to incorporate the ball such that a portion of the circumference of the ball surface defines a portion of the casting cavity forming a race surface for the ball.

IPC 1-7

**B22D 19/12**

IPC 8 full level

**B22D 19/12** (2006.01)

CPC (source: EP US)

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Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**US 4539246 A 19850903**; AU 3978885 A 19850926; AU 572631 B2 19880512; BR 8501295 A 19851119; CA 1228971 A 19871110; DE 3564203 D1 19880915; EP 0155617 A2 19850925; EP 0155617 A3 19860611; EP 0155617 B1 19880810; ES 541491 A0 19860916; ES 8700102 A1 19860916; ZA 852183 B 19861126

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**US 59252284 A 19840323**; AU 3978885 A 19850311; BR 8501295 A 19850322; CA 473900 A 19850208; DE 3564203 T 19850312; EP 85102770 A 19850312; ES 541491 A 19850322; ZA 852183 A 19850322