

Title (en)

Continuous casting mold with removable insert.

Title (de)

Stranggiesskokille mit wechselbarem Einsatz.

Title (fr)

Lingotière de coulée continue avec insert remplaçable.

Publication

**EP 0355940 A3 19911030 (EN)**

Application

**EP 89300988 A 19890201**

Priority

US 21222688 A 19880627

Abstract (en)

[origin: EP0355940A1] Apparatus comprising a continuous casting mold (18) for horizontal steel casting having a removable insert (32) constituting the entry end of the mold. The insert (32) may be of a material that is more wear resistant and has better thermal conductivity than the remainder of the mold (18). The insert (32) may be of a conductive ceramic material and may have an integral break ring (34, 36, 38) formed thereon, with the break ring (34, 36, 38) being of a non-conductive ceramic material.

IPC 1-7

**B22D 11/04**

IPC 8 full level

**B22D 11/04** (2006.01); **B22D 11/047** (2006.01); **B22D 11/059** (2006.01)

CPC (source: EP)

**B22D 11/0475** (2013.01); **B22D 11/059** (2013.01)

Cited by

CN102814477A; US8042601B2; US7975756B2; WO0114084A1; WO2010148454A1; WO9100157A1; WO0247848A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

**EP 0355940 A1 19900228**; **EP 0355940 A3 19911030**; CA 1323745 C 19931102; JP H0220644 A 19900124

DOCDB simple family (application)

**EP 89300988 A 19890201**; CA 599863 A 19890516; JP 6941889 A 19890323