

Title (en)

MOLTEN METAL REACTOR AND PROCESS

Title (de)

REAKTOR UND VERFAHREN MIT GESCHMOLZENEM METALL

Title (fr)

REACTEUR A BAIN DE METAL FONDU ET PROCEDE ASSOCIE

Publication

EP 0954511 A1 19991110 (EN)

Application

EP 96940851 A 19961122

Priority

US 9618749 W 19961122

Abstract (en)

[origin: WO9822385A1] One or more (preferably three) simple single-chamber crucibles contain molten metal and are successively fed hydrocarbon feed to produce hydrogen, then fed oxygen-containing gas to produce CO, then fed hydrocarbon again, etc. Operation is controlled by a swing valving sequence under timer or composition control.

IPC 1-7

C01B 3/24; C10J 3/57

IPC 8 full level

C01B 3/02 (2006.01); **C01B 3/06** (2006.01); **C01B 3/24** (2006.01); **C01B 32/40** (2017.01); **C10J 3/57** (2006.01)

CPC (source: EP)

C01B 3/24 (2013.01); **C01B 32/40** (2017.07); **C10J 3/57** (2013.01); **C10J 3/723** (2013.01); **C10K 1/002** (2013.01); **C10K 1/004** (2013.01); **C10K 1/08** (2013.01); **C10J 2300/1621** (2013.01); **C10J 2300/1884** (2013.01); **Y02E 60/36** (2013.01)

Citation (search report)

See references of WO 9822385A1

Designated contracting state (EPC)

AT BE DE DK ES FR GB IT NL SE

DOCDB simple family (publication)

WO 9822385 A1 19980528; AU 1081197 A 19980610; EP 0954511 A1 19991110; JP 2001504431 A 20010403

DOCDB simple family (application)

US 9618749 W 19961122; AU 1081197 A 19961122; EP 96940851 A 19961122; JP 52360398 A 19961122