

Title (en)
CAST COLLIMATOR AND METHOD FOR MAKING SAME

Title (de)
GUSSKOLLIMATOR UND HERSTELLUNGSVERFAHREN DAF R

Title (fr)
COLLIMATEUR DE COULEE ET SON PROCEDE DE FABRICATION

Publication
EP 1562717 A4 20061213 (EN)

Application
EP 03759754 A 20031007

Priority
• US 0331781 W 20031007
• US 41657102 P 20021007

Abstract (en)
[origin: WO2004033132A1] There is a method of manufacturing a cast collimator that includes pre-heating a mold (102), filling the mold with material in a liquid phase (110), and simultaneously applying vacuum (104), heat and vibration (106) to the mold until the material reaches a substantially solid phase.

IPC 1-7
B22D 25/06; **B22D 27/04**; **B22D 27/08**; **B22D 27/15**

IPC 8 full level
B22D 25/06 (2006.01); **B22D 27/04** (2006.01); **B22D 27/08** (2006.01); **B22D 27/15** (2006.01)

CPC (source: EP US)
B22D 25/06 (2013.01 - EP US); **B22D 27/04** (2013.01 - EP US); **B22D 27/08** (2013.01 - EP US); **B22D 27/15** (2013.01 - EP US)

Citation (search report)
• [AD] EP 0911836 A1 19990428 - TRW INC [US]
• [A] US 3162908 A 19641229 - DE LUCA NOEL
• [X] DATABASE WPI Week 198216, Derwent World Patents Index; AN 1982-32055E, XP002404969
• [X] DATABASE WPI Week 199530, Derwent World Patents Index; AN 1995-229713, XP002404970
• See references of WO 2004033132A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
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DOCDB simple family (application)
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