

Title (en)
Cooling of hot bodies

Title (de)
Kühlung von heissen Körpern

Title (fr)
Refroidissement de parties chaudes

Publication
EP 0393970 B2 19990317 (EN)

Application
EP 90304081 A 19900417

Priority
GB 8908997 A 19890420

Abstract (en)
[origin: EP0393970A2] A hot body (1), such as part of a vessel for molten metal, is cooled by having atomised liquid coolant directed on to it. The coolant is directed into a space between the surface to be cooled (2) and another surface (6) parallel to it in a direction parallel to the surfaces. The volume of liquid coolant which is supplied does not exceed the volume of liquid which is vaporised by the hot body (1).

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F27D 9/00; **F27D 1/18**; **F27D 1/12**; **F27B 14/12**

IPC 8 full level
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CPC (source: EP)
F27D 1/1816 (2013.01); **F27D 9/00** (2013.01)

Cited by
US5653936A; GB2330898A; EP0987494A1; US6213031B1

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DOCDB simple family (publication)
EP 0393970 A2 19901024; **EP 0393970 A3 19901219**; **EP 0393970 B1 19940706**; **EP 0393970 B2 19990317**; AT E108269 T1 19940715; DE 69010380 D1 19940811; DE 69010380 T2 19941103; DE 69010380 T3 19990826; ES 2058792 T3 19941101; ES 2058792 T5 19990816; GB 8908997 D0 19890607

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