

Title (en)  
DEVICE FOR COOLING A MOVING CYLINDRICAL MEMBER

Publication  
**EP 0366639 A3 19910612 (FR)**

Application  
**EP 89870150 A 19891011**

Priority  
BE 8801224 A 19881024

Abstract (en)  
[origin: EP0366639A2] It comprises a casing (3) surrounding a tubular conduit (2) and forming with it an annular chamber (2), the annular chamber being closed at its ends by an upstream wall (4) and a downstream wall (5) respectively. There are means (10) for introducing the cooling agent into the annular chamber (2), and the tubular conduit (1) is pierced with a plurality of straight passages (C1 to C7) putting the annular chamber (2) in communication with the inner volume of the tubular conduit (1). These passages are arranged in the form of plane rings perpendicular to the longitudinal axis of the tubular conduit (1); they are equidistant in each of the rings, and each ring is offset angularly relative to the adjacent ring. There are also means for discharging the cooling agent from the inner volume of the tubular conduit (1). <IMAGE>

IPC 1-7  
**B21B 45/02**

IPC 8 full level  
**B21B 45/02** (2006.01); **C21D 1/00** (2006.01); **C21D 9/08** (2006.01); **C21D 9/40** (2006.01)

CPC (source: EP US)  
**B21B 45/0224** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)  
AT BE CH DE ES FR GB IT LI LU SE

DOCDB simple family (publication)  
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