

Title (en)

Coolant conduits incorporated in castings.

Title (de)

In Gussstücken eingefasste Kühlungsrohrleitungen.

Title (fr)

Conduits de refroidissement incorporés dans des pièces coulées.

Publication

EP 0037679 A1 19811014 (EN)

Application

EP 81301262 A 19810324

Priority

GB 8010621 A 19800328

Abstract (en)

For a copper casting forming an electrode clamp a coolant conduit assembly is made up of cast copper bend members 23 and 24 including U-shaped passages 25, 26 and 28, 29, 30 which are interconnected by copper tubes 13A, 13B, and 13C. Tighter bends can be formed than by bending copper pipe and thus the coolant conduits can be placed in the best position for efficient cooling and the dimensions of the casting reduced. Welding or shrink fitting can be used to interconnect the tubes and the bend members.

IPC 1-7

H05B 7/105

IPC 8 full level

B22D 19/00 (2006.01); **H05B 7/105** (2006.01)

CPC (source: EP)

H05B 7/105 (2013.01)

Citation (search report)

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Designated contracting state (EPC)

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