Title (en)

METHOD FOR PRODUCING WELDED Cu AND Cu ALLOY PIPES

Title (de)

VERFAHREN ZUR HERSTELLUNG VON GESCHWEISSTEN ROHREN AUS Cu UND Cu-LEGIERUNGEN

Title (fr)

PROCEDE DE PRODUCTION DE TUYAUX SOUDES EN Cu ET EN ALLIAGE DE Cu

Publication

EP 1001856 A1 20000524 (DE)

Application

EP 98943664 A 19980701

Priority

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Abstract (en)

[origin: US6401323B1] A process for producing welded pipes, from Cu and Cu alloys in a combined production line, having a casting installation for raw materials, a hot-rolling mill, a pipe-shaping and welding section and a drawing device for the welded pipe. The process has the sequence of the following process steps:a. casting of a virtually endless initial strip,b. hot-rolling of the cast initial strip at a rolling speed=casting speedxextension, to form an intermediate strip,c. cooling of the intermediate strip to <=100° C. to RT and descaling of the surface of the intermediate strip,d. cold-rolling of the intermediate strip to form a strip,e. coiling of the untrimmed strip to form coils of predetermined weights, the steps a to e being carried out as an in-line process followed, directly or after interim storage, by the following further operating steps,f. unwinding and shaping of the strip to form a longitudinal seam pipe,g. welding of the longitudinal seam to form a longitudinal seam pipe,h. if necessary, external and internal deburring of the pipei. finishing to size, which is followed, immediately or after interim storage, by the following final operating step, andj. drawing of the welded pipe in at least one drawing stage to form the finished pipe, if the welded pipe does not already constitute the finished pipe.

IPC 1-7

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IPC 8 full level

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