

Title (en)

Process and apparatus for continuous production of corrugated metal pipe with parallel ridges

Title (de)

Verfahren zur kontinuierlichen Herstellung eines ringförmig gewellten Metallrohres

Title (fr)

Procédé pour la fabrication en continu d'un tuyau métallique à ondulations annulaires

Publication

**EP 1088605 B1 20060503 (EN)**

Application

**EP 00120973 A 20000927**

Priority

IT MI992053 A 19991001

Abstract (en)

[origin: EP1088605A2] A metal pipe (T) is fed at a first speed into a space between delimited successive contiguous mechanical corrugators (34, 38), each of which turns around an axis coinciding with the axis of the pipe (a) and is disposed eccentrically with respect thereto and has a spiral inner corrugating surface with its axis (b, c) offset with respect to the axis of the pipe and a diameter greater than the diameter of the pipe. The corrugated pipe (TC) is extracted at a second speed lower than the first speed. An appropriate coordination between the input speed, the output speed and the pitch of the spirals of the corrugating fixtures allows corrugated metal pipes with parallel annular ridges to be produced continuously. <IMAGE>

IPC 8 full level

**B21C 37/20** (2006.01); **B21D 15/06** (2006.01)

CPC (source: EP)

**B21C 37/205** (2013.01); **B21D 15/06** (2013.01)

Cited by

CN112091027A; EP1295652A3; CN109226332A

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**EP 1088605 A2 20010404**; **EP 1088605 A3 20020116**; **EP 1088605 B1 20060503**; AT E324950 T1 20060615; DE 60027658 D1 20060608; DE 60027658 T2 20070405; ES 2264412 T3 20070101; IT 1313765 B1 20020917; IT MI992053 A0 19991001; IT MI992053 A1 20010401

DOCDB simple family (application)

**EP 00120973 A 20000927**; AT 00120973 T 20000927; DE 60027658 T 20000927; ES 00120973 T 20000927; IT MI992053 A 19991001