

Title (en)
CORRUGATOR DEVICE WITH SPECIFIC GUIDANCE OF THE COOLING AIR CIRCUIT

Title (de)
WELLPAPPENMASCHINE MIT SPEZIELLER FÜHRUNG DES KÜHLLUFTKREISLAUFS

Title (fr)
MACHINE À ONDULER AVEC GUIDAGE SPÉCIFIQUE DE CIRCUIT D'AIR DE REFROIDISSEMENT

Publication
EP 2593289 A1 20130522 (EN)

Application
EP 10737268 A 20100712

Priority
EP 2010004231 W 20100712

Abstract (en)
[origin: WO2012007016A1] A corrugator device for shaping a corrugated pipe R from a tube of molten plastics material S is described. The corrugator device comprises movably driven molding jaws 1a, 1b with a corrugated molding area 1f. The molding jaws are formed as first and second molding jaws 1a, 1b, which form pairs of molding jaws 11. The corrugator device comprises a molding passage 10, which is formed by traveling pairs of molding jaws 11 arranged one behind the other. Further on the corrugator device comprises an air cooling device 15 for cooling the molding jaws 1a, 1b. It is provided that the air cooling device 15 has at least one first cooling air circuit 151 with a heat exchanger and a blower and at least one second cooling air circuit 152 with a heat exchanger and a blower. Thereby the at least one first cooling air circuit 151 is formed for cooling the first molding jaws 1a of the pairs of molding jaws 11 and the at least one second cooling air circuit 152 is formed for cooling the second molding jaws 1b of the pairs of molding jaws 11.

IPC 8 full level
B29C 49/00 (2006.01); **B29C 35/16** (2006.01); **B29C 48/30** (2019.01); **B29C 49/48** (2006.01); **B29C 48/09** (2019.01)

CPC (source: EP US)
B29C 48/13 (2019.01 - EP US); **B29C 49/0021** (2013.01 - EP US); **B29C 49/4823** (2013.01 - EP); **B29C 48/09** (2019.01 - EP US); **B29C 48/303** (2019.01 - EP US); **B29C 48/913** (2019.01 - EP US); **B29C 48/9135** (2019.01 - EP US); **B29C 2035/1666** (2013.01 - EP); **B29C 2049/4825** (2013.01 - EP); **B29C 2049/4833** (2013.01 - EP); **B29L 2023/18** (2013.01 - EP)

Citation (search report)
See references of WO 2012007016A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)
WO 2012007016 A1 20120119; EP 2593289 A1 20130522

DOCDB simple family (application)
EP 2010004231 W 20100712; EP 10737268 A 20100712