

Title (en)
Spiral cooler

Title (de)
Wendelkühler

Title (fr)
Refroidisseur en forme de spirale

Publication
EP 1702699 B1 20100825 (DE)

Application
EP 06005685 A 20060320

Priority
DE 102005013055 A 20050318

Abstract (en)
[origin: US2007125117A1] A spiral cooler and a process for cooling workpieces are proposed. A very simple structure is enabled by the workpieces being cooled in counterflow by cooling air, preferably a negative pressure being produced in the conveyor channel by branching off and redelivering a partial flow.

IPC 8 full level
B22D 30/00 (2006.01); **B65G 21/18** (2006.01); **F25D 3/11** (2006.01); **F26B 17/26** (2006.01)

CPC (source: EP US)
B22D 30/00 (2013.01 - EP US)

Cited by
RU2493515C1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
US 2007125117 A1 20070607; AT E478746 T1 20100915; DE 102005013055 A1 20060928; DE 102005013055 B4 20070208; DE 202005005644 U1 20050630; DE 502006007712 D1 20101007; EP 1702699 A1 20060920; EP 1702699 B1 20100825; ES 2351049 T3 20110131

DOCDB simple family (application)
US 27699506 A 20060320; AT 06005685 T 20060320; DE 102005013055 A 20050318; DE 202005005644 U 20050409; DE 502006007712 T 20060320; EP 06005685 A 20060320; ES 06005685 T 20060320