

Title (en)
BELT COOLING

Title (de)
RIEMENKÜHLUNG

Title (fr)
REFROIDISSEMENT DE COURROIE

Publication
EP 3122518 A1 20170201 (DE)

Application
EP 15718450 A 20150324

Priority
• EP 14161412 A 20140325
• EP 2015056192 W 20150324

Abstract (en)
[origin: WO2015144664A1] The invention relates to a machine tool (1), containing a housing (10); a motor (20), in particular an electric motor; a drive shaft (22), which can be driven by the motor (20); a belt drive (50) for transferring the driving force of the motor (20) to a tool; and a first fan (30) for producing a first air route (70) in the housing (10), which first air route is used to cool at least the motor (20). The first fan (30) and the belt drive (50) can be driven by means of the drive shaft (22). The machine tool (1) contains a second fan (40) for producing a second air route (80) in the housing (10), which second air route is used to cool at least the belt drive (50).

IPC 8 full level
B25F 5/00 (2006.01); **B28D 1/04** (2006.01)

CPC (source: EP US)
B25F 5/008 (2013.01 - EP US); **B28D 1/041** (2013.01 - EP US)

Citation (search report)
See references of WO 2015144664A1

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 RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2923802 A1 20150930; EP 3122518 A1 20170201; JP 2017509501 A 20170406; US 2017100831 A1 20170413;
WO 2015144664 A1 20151001

DOCDB simple family (application)
EP 14161412 A 20140325; EP 15718450 A 20150324; EP 2015056192 W 20150324; JP 2016559294 A 20150324;
US 201515128844 A 20150324