

Title (en)

Activation device for path and time-dependent movement of a thread cutting and sewing unit

Title (de)

Aktivierungsvorrichtung zur weg-und zeitabhängigen Bewegung einer Fadenschneid- und Anstickeinheit

Title (fr)

Dispositif d'activation destiné au déplacement, en fonction de la course et du temps, d'une unité de coupe et de couture

Publication

EP 2500458 B1 20130925 (DE)

Application

EP 12405004 A 20120109

Priority

CH 42011 A 20110103

Abstract (en)

[origin: EP2500458A1] The blade has an internal cooling cavity (24) extended in a radial direction within the blade. The internal cooling cavity is extended along a rear edge (14) of the blade. The rear edge is provided with coolant discharge openings (26) that are extended along the rear edge. Swirl generators (32) are formed on an inner surface (30) at a pressure side (18) and/or a suction side (16) of the blade. The generators are radially arranged at a distance to the internal cooling cavity, are parallel to the cooling cavity and are extended in proximity to the discharge openings.

IPC 8 full level

D05B 65/00 (2006.01); **D05B 69/00** (2006.01)

CPC (source: EP)

D05B 65/00 (2013.01); **D05B 69/00** (2013.01)

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

DOCDB simple family (publication)

EP 2500458 A1 20120919; EP 2500458 B1 20130925

DOCDB simple family (application)

EP 12405004 A 20120109