

Title (en)

QUANTIZED (DIGITAL) HEATING PLATE

Publication

EP 0089383 B1 19850828 (DE)

Application

EP 82102230 A 19820318

Priority

EP 82102230 A 19820318

Abstract (en)

[origin: EP0089383A1] 1. In a subdivided, quantized (digital) heating plate formed by multiple segments (S1 through Sn), temperature regulated, separated by temperature sensors (W) in order to realize any desired temperature function in relation to time and space $[\Delta(l, t)]$, its resolution being directly proportional to the number of said segments (S1 through Sn), characterized by the fact that within a thermically insulating material (I) placed between said segments (S1 through Sn) which impedes the heat flow between the segments, a thermoconductive material (L) is placed in order to dissipate the inevitably penetrated heat into the environment.

IPC 1-7

H05B 3/20

IPC 8 full level

B01L 7/00 (2006.01); **H05B 3/20** (2006.01)

CPC (source: EP)

B01L 7/00 (2013.01); **B01L 7/54** (2013.01); **H05B 3/20** (2013.01)

Cited by

EP1955771A3; US6437299B1; US6518551B2; US7727479B2; US10137452B2; US10835901B2; US8676383B2; US9457351B2; US7611674B2; US8389288B2; US8721972B2; US9914125B2; US10471431B2

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