

Title (en)  
Infra-red drying system

Title (de)  
Infrarot-Trocknungsanlage

Title (fr)  
Installation de séchage à infrarouges

Publication  
**EP 2466237 A3 20141105 (DE)**

Application  
**EP 11009455 A 20111130**

Priority  
DE 102010054635 A 20101215

Abstract (en)  
[origin: EP2466237A2] The continuously working infrared-drying system has a through channel (14) having an inlet and an outlet, through which the goods (20) to be dried are moved through in single lane. The channel has a heating zone (16), an evaporation zone (18) and a cooling zone (17). Multiple infrared emitters (28) are provided for introducing heat energy to the goods to be dried. A thrust air unit is provided for generation of a regulated air mass flow (27) in the channel. The air mass flow moves against the mass flow of the goods. Independent claims are also included for the following: (1) a method for operating a continuously working infrared-drying system; and (2) a painting system.

IPC 8 full level  
**F26B 3/30** (2006.01); **F26B 15/12** (2006.01); **F26B 21/04** (2006.01)

CPC (source: EP)  
**F26B 3/30** (2013.01); **F26B 15/12** (2013.01); **F26B 21/04** (2013.01); **B05D 3/0263** (2013.01); **B05D 3/0406** (2013.01); **B05D 2203/35** (2013.01)

Citation (search report)

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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

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