

Title (en)
Dryer with integrated cooling unit

Title (de)
Trockner mit integrierter Kühleinheit

Title (fr)
Sécheur avec unité de refroidissement intégré

Publication
EP 1046874 B1 20050202 (DE)

Application
EP 00107460 A 20000406

Priority
DE 19918669 A 19990423

Abstract (en)
[origin: EP1046874A2] The drier (1) is for a material web being processed in a rotary printing machine. The surface of the web is applied with ink. The drier has a housing (9) divided into sections (1.1, 1.2, 1.3) and which contains a web running plane (12) in which the web is transported. In the housing a cooling and conditioning unit (2) is integrated, through which the fresh air (18) enters the housing. The cooling and conditioning unit contains one or more cooling rollers (27), over which the web (32) is guided. The rollers so arranged and the fresh air is so conducted through the cooling and conditioning unit that subsequently evaporated solvent is into the cooling and conditioning unit and no solvent vapor reaches operating personnel outside the housing.

IPC 1-7
F26B 13/10; **F26B 21/02**

IPC 8 full level
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CPC (source: EP US)
F26B 13/10 (2013.01 - EP US); **F26B 21/02** (2013.01 - EP US)

Cited by
DE102006027146B4; EP1795347A3; DE102010062145B4; DE102010062144B4; DE102010062145A1; DE102010062144A1;
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Designated contracting state (EPC)
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