

Title (en)  
ENHANCED MOISTURE REMOVAL SYSTEMS FOR PRINTING SYSTEMS

Title (de)  
SYSTEME FÜR VERBESSERTE ENTFERNUNG VON FEUCHTIGKEIT FÜR DRUCKSYSTEME

Title (fr)  
SYSTÈMES AMÉLIORÉS D'ÉLIMINATION DE L'HUMIDITÉ POUR SYSTÈMES D'IMPRESSION

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Abstract (en)  
[origin: WO2014047515A1] Enhanced systems and associated structures are configured to efficiently remove moisture in printing environments, such as for ceramic printing systems that are configured to transport ceramic tiles past one or more print bars. In an exemplary embodiment, one or more vacuum plenums are provided for each print bar, wherein the vacuum plenums are specifically shaped to provide a desired, i.e. consistent, pressure differential in the region, e.g. to provide sufficient a sufficient vacuum force across a printing width of a transport belt, to adequately remove the moisture and other impurities from the region. While some systems may provide both pre and post print bar plenums, some preferred embodiments may preferably provide a single plenum with respect to each print bar, i.e. either before or after each respective print bar, such that the entire printing system may be more compactly packaged.

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