

Title (en)
Combined dryer/gasifier.

Title (de)
Kombinierte Trocknungs- und Vergasungsanlage.

Title (fr)
Système combiné de séchage et de gazéification.

Publication
EP 0100188 A2 19840208 (EN)

Application
EP 83304137 A 19830715

Priority
GB 8221593 A 19820726

Abstract (en)
The present invention comprises a combined system which comprises a drying component which will effect a drying process comprising means for providing heat to wet materials in order to evaporate at least a portion of the water contained in such materials into a gas comprising, at least in part, oxygen, and means to duct off the gas which then comprises at least oxygen and water vapor; and a gasification component comprising means to supply fossil fuel, means to supply a gas comprising at least in part oxygen and water vapor in the proportions required for gasification, means for extracting at least one fraction produced by the gasification reaction, and means for utilizing the excess heat generated by the gasification reaction; wherein at least a portion of the gas supplied to the gasification reaction is the gas generated and ducted off in the drying process.

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C10J 3/16; **F26B 3/00**

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C10J 3/16 (2006.01); **F26B 3/00** (2006.01)

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