

Title (en)

APPARATUS FOR CLEANING GASIFIER PRODUCED GAS

Title (de)

VORRICHTUNG ZUR REINIGUNG EINES VON EINEM VERGASER PRODUZIERTEN GAS

Title (fr)

APPAREIL PERMETTANT DE NETTOYER LE GAZ OBTENU AU MOYEN D'UN GAZOGÈNE

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Application

EP 11724452 A 20110322

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Abstract (en)

[origin: WO201117819A1] The invention relates to an apparatus 10 for cleaning the gas G produced by a gasifier 12 of biomass. The apparatus comprises: an input line for conveying the gas G from the gasifier; a scrubber 20 for treating the gas G; a wet electrostatic precipitator 40 for treating the gas already treated by the scrubber 20; and an output line 18 for conveying the gas G to an external user unit. The apparatus also comprises cooling means 50 for removing a further quantity of heat from the gas G before it is conveyed to the external user unit. The cooling means 50 are positioned between the first scrubber 20 and the wet electrostatic precipitator 40. The invention also relates to a plant 100 comprising a gasifier 12, an apparatus 10 and an external user unit.

IPC 8 full level

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Citation (search report)

See references of WO 201117819A1

Cited by

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