

Title (en)

DEVICE AND METHOD FOR EXTRACTING CARBON-CONTAINING SUBSTANCES FROM OIL SAND

Title (de)

VORRICHTUNG UND VERFAHREN ZUR GEWINNUNG VON KOHLENSTOFFHALTIGEN SUBSTANZEN AUS ÖLSAND

Title (fr)

DISPOSITIF ET PROCÉDÉ POUR L'EXTRACTION DE SUBSTANCES CARBONÉES À PARTIR DE SABLE PÉTROLIFÈRE

Publication

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Application

**EP 13733976 A 20130620**

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Abstract (en)

[origin: WO2014016062A2] The invention relates to a device for extracting carbon-containing substances, in particular bitumen, from oil sands. The device comprises two separate steam circuits. The first steam circuit is a closed steam circuit, in which a steam turbine is operating. The second steam circuit is an open steam circuit and is used for extracting carbon-containing substances, in particular bitumen, from oil sands. The steam turbine comprises an intermediate steam removal facility, wherein the intermediate steam is used to evaporate the water/vapor in the second steam circuit via a heat exchanger. The invention further relates to a method for extracting carbon-containing substances by means of the previously described device.

IPC 8 full level

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