

Title (en)  
COAL PYROLYSIS PROCESS DEVICE

Title (de)  
KOHLEPYROLYSEPROZESSVORRICHTUNG

Title (fr)  
DISPOSITIF DE PROCÉDÉ DE PYROLYSE DU CHARBON

Publication  
**EP 3549998 A4 20200304 (EN)**

Application  
**EP 17911578 A 20171207**

Priority  
• CN 201710396454 A 20170531  
• CN 2017114976 W 20171207

Abstract (en)  
[origin: EP3549998A1] A coal pyrolysis process device, including a primary coal pyrolysis device (1) and a secondary coal pyrolysis device (2), wherein a discharge port (12) of the primary coal pyrolysis device (1) communicates with a feed port (21) of the secondary coal pyrolysis device (2). When coal is in the primary coal pyrolysis device (1), coal tar is extracted to the maximum extent, and then enters the secondary coal pyrolysis device (2). The coal continues to be heated and undergo pyrolysis at an upper portion of the secondary coal pyrolysis device (2), so that volatile matter of upgraded coal having undergone primary pyrolysis and upgrading are further reduced in the secondary coal pyrolysis device (2), and more gas is produced.

IPC 8 full level  
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CPC (source: CN EP KR RU US)  
**C10B 27/00** (2013.01 - KR); **C10B 33/00** (2013.01 - KR); **C10B 47/18** (2013.01 - RU); **C10B 47/30** (2013.01 - EP KR); **C10B 53/00** (2013.01 - EP); **C10B 53/04** (2013.01 - RU); **C10B 57/02** (2013.01 - EP); **C10B 57/10** (2013.01 - KR); **C10B 57/18** (2013.01 - RU); **C10G 1/00** (2013.01 - CN EP); **C10J 3/00** (2013.01 - CN EP); **C10J 3/84** (2013.01 - CN EP KR US); **C10K 1/02** (2013.01 - US); **C10K 1/024** (2013.01 - KR); **C10K 1/026** (2013.01 - KR); **C10J 2300/093** (2013.01 - CN EP US); **C10J 2300/1269** (2013.01 - US); **C10J 2300/1625** (2013.01 - US)

Citation (search report)  
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• [X] US 8198493 B1 20120612 - LIVINGSTON ANDREW D [US], et al  
• [XI] JP H0924392 A 19970128 - KAWASAKI STEEL CO  
• [XI] US 2016264872 A1 20160915 - ENDOU YUUKI [JP], et al  
• [A] CN 105131988 A 20151209 - SHIJIAZHUANG XINHUA ENERGY ENVIRONMENTAL TECHNOLOG  
• See references of WO 2018218915A1

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DOCDB simple family (publication)  
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