

Title (en)  
SINTERED LIGHTWEIGHT AGGREGATES

Title (de)  
GESINTERTE LEICHTE AGGREGATE

Title (fr)  
AGRÉGATS DE FAIBLE POIDS FRITTÉS

Publication  
**EP 2648835 A2 20131016 (EN)**

Application  
**EP 11787935 A 20111116**

Priority  
• GB 201020613 A 20101206  
• GB 2011052236 W 20111116

Abstract (en)  
[origin: WO2012076861A2] An apparatus for producing a lightweight aggregate from furnace ash comprises a grinder (10) for grinding the furnace ash A to be processed, a pelletiser (12) for receiving the ground furnace ash and for forming pellets thereof and a sintering device (13). The provision of the grinder (10) prior to the pelletiser (12) allows ash from travelling grate boilers to be processed, since the coarser clinker contained therein is ground to a suitable consistency for feeding to the pelletiser. The provision of the grinding means prior to the pelletiser also allows for the processing of furnace ash recovered from landfill sites by grinding the clumps and other matter to a suitable consistency for feeding to the pelletiser. Conditioned fly ash B may also be blended with the furnace ash A after it leaves the grinder (10).

IPC 8 full level  
**B01J 2/14** (2006.01); **C04B 20/02** (2006.01)

CPC (source: EP)  
**B01J 2/14** (2013.01); **C04B 18/027** (2013.01); **Y02W 30/91** (2015.05)

Citation (search report)  
See references of WO 2012076861A2

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