

Title (en)

APPARATUS FOR HEATING AND MIXING BUILDING MATERIALS

Publication

EP 0005552 A3 19791212

Application

EP 79101531 A 19790521

Priority

CH 556878 A 19780523

Abstract (en)

[origin: EP0005552A2] The method of functioning of this heating and mixing installation for building materials is based on a continuously or discontinuously working mixing processing installation which, with mechanical working procedures which are known in building machinery technology, such as conveyor mixing, paddle mixing, drum mixing etc., works the building goods, building materials or other substances for structural engineering, with simultaneous heating, in order to manufacture or modify particular mixed goods or products which are usual in building technology. In this heating and mixing installation, the building goods, which are to be thermally treated, are heated, according to process technology, without contact and homogeneously on the surface and in volume, with one or more electromagnetic fields which are electrically produced by one or more high-frequency or microwave generators. The heating process also brings about drying of the building materials with field energy from the high-frequency or the microwave generator. <IMAGE>

IPC 1-7

F26B 3/34; **F26B 23/08**

IPC 8 full level

B01F 15/06 (2006.01); **F26B 3/347** (2006.01); **F26B 17/18** (2006.01)

CPC (source: EP)

B01F 35/94 (2022.01); **F26B 3/347** (2013.01); **F26B 17/18** (2013.01)

Citation (search report)

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