

Title (en)

Method for heating material containing bitumen

Title (de)

Verfahren zum Erwärmen von Bitumen enthaltendem Material

Title (fr)

Procédé pour chauffer des matériaux contenant des bitumes

Publication

**EP 0728870 A1 19960828 (EN)**

Application

**EP 96200471 A 19960223**

Priority

NL 9500374 A 19950224

Abstract (en)

Method for heating bitumen-containing material, such as asphalt, in which the material is introduced into a pressure chamber or autoclave in the form of granules or fragments at ambient temperature and one or more constituents of the material are rendered soft or pliable with the aid of compressed, heated gas which is fed to the pressure chamber or autoclave, in which method said compressed gas is at a temperature of at least 150 DEG C and a pressure of at least 5 bars, in particular approximately 180 DEG C and 10 bars, and in which method the gas supply is maintained until a temperature of at least 150 DEG C and a pressure of at least 5 bars has been reached in the pressure chamber or autoclave, water furthermore being introduced into the pressure chamber or the autoclave in such a way that it forms a skin of moisture around the granules or fragments, for which purpose, for example, compressed steam is fed to the pressure chamber or the autoclave as gas, and in which method, after the pressure and temperature referred to have been reached in the pressure chamber or autoclave, the gas supply and/or water supply is interrupted and, at a later instant in time, the pressure is reduced, the processing conditions of pressure, temperature, gas supply and water supply in the pressure chamber or autoclave being controlled in such a way that, after the termination of the gas supply and/or water supply, the skin of moisture around the granules or fragments remains intact essentially until the pressure in the pressure chamber or autoclave is reduced to ambient pressure.

IPC 1-7

**E01C 19/10**

IPC 8 full level

**E01C 19/10** (2006.01)

CPC (source: EP)

**E01C 19/1004** (2013.01); **E01C 19/1063** (2013.01)

Citation (search report)

- [A] WO 9210612 A1 19920625 - HOLLANDSCHE BETONGROEP NV [NL]
- [DA] NL 7708800 A 19790213 - MOEL WEGENBOUWMAATSCHAPPIJ B V

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