

**CPC****COOPERATIVE PATENT CLASSIFICATION****C10C**

**WORKING-UP PITCH, ASPHALT, BITUMEN, TAR; PYROLIGNEOUS ACID** (compositions of bituminous materials [C08L 95/00](#); carbon filaments by decomposition of organic filaments [D01F 9/14](#))

**C10C 1/00**

**Working-up tar** {petroleum (oil) tar [C10C 3/00](#) }

## C10C 1/005

- . {by mixing two or more coaltar fractions }

## C10C 1/02

- . Removal of water (by distillation [C10C 1/06](#)) {de-watering of hydrocarbon oils [C10G 33/00](#) }

## C10C 1/04

- . by distillation

## C10C 1/06

- .. Removal of water

## C10C 1/08

- .. Winning of aromatic fractions

## C10C 1/10

- ... benzene fraction {light fraction }

## C10C 1/12

- ... naphthalene fraction {heavy fraction }

## C10C 1/14

- .. Winning of tar oils from tar

## C10C 1/16

- .. Winning of pitch

## C10C 1/18

- . by extraction with selective solvents (preparation of hydrocarbon oils from tar oils [C10G 21/00](#))

## C10C 1/19

- . by thermal treatment not involving distillation

## C10C 1/20

- . Refining by chemical means {inorganic or organic compounds } (obtaining hydrocarbon oils [C10G](#) )

## C10C 1/205

- .. {refining in the presence of hydrogen }

**C10C 3/00**

**Working-up pitch, asphalt, bitumen** {compositions of asphalts and other bitumenous materials [C08L 95/00](#) }

## C10C 3/002

- . {by thermal means }

## C10C 3/005

- . { by mixing several fractions (also coaltar fractions with petroleum fractions) }

## C10C 3/007

- . {winning and separation of asphalt from mixtures with aggregates, fillers and other products, e.g. winning from natural asphalt and regeneration of waste asphalt }

## C10C 3/02

- . by chemical means {reaction }

## C10C 3/023

- .. {with inorganic compounds }

## C10C 3/026

- .. {with organic compounds }

## C10C 3/04

- .. by blowing or oxidising {e.g. air, ozone }

## C10C 3/06

- . by distillation

## C10C 3/08

- . by selective extraction

- C10C 3/10
  - . Melting
- C10C 3/12
  - . . Devices therefor {transporting and melting for road construction [E01C](#) + s.gr. }
- C10C 3/14
  - . Solidifying, Disintegrating, e.g. granulating
- C10C 3/16
  - . . by direct contact with liquids
- C10C 3/18
  - . Removing in solid form from reaction vessels, containers and the like, e.g. by cutting out, by pressing
- C10C 5/00
  - Production of pyroligneous acid** {distillation of wood, dry distillation of organic waste }  
(carbonisation of wood [C10B](#) )