

**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 bituminous 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](#))**