

## ECLA EUROPEAN CLASSIFICATION

### C10C WORKING-UP PITCH, ASPHALT, BITUMEN, TAR; PYROLIGNEOUS ACID (compositions of bituminous materials [C08L95/00](#); carbon filaments by decomposition of organic filaments [D01F9/14](#))

- C10C1/00 Working-up tar** [N: petroleum (oil) tar [C10C3/00](#)]
- C10C1/00B . [N: by mixing two or more coaltar fractions]
  - C10C1/02 . Removal of water (by distillation [C10C1/06](#)) [N: de-watering of hydrocarbon oils [C10G33/00](#)]
  - C10C1/04 . by distillation
  - C10C1/06 . . Removal of water
  - C10C1/08 . . Winning of aromatic fractions
  - C10C1/10 . . . benzene fraction [N: light fraction]
  - C10C1/12 . . . naphthalene fraction [N: heavy fraction]
  - C10C1/14 . . Winning of tar oils from tar
  - C10C1/16 . . Winning of pitch
  - C10C1/18 . by extraction with selective solvents (preparation of hydrocarbon oils from tar oils [C10G21/00](#))
  - C10C1/19 . by thermal treatment not involving distillation [N9510]
  - C10C1/20 . Refining by chemical means [N: inorganic or organic compounds] (obtaining hydrocarbon oils [C10G](#))
  - C10C1/20A . . [N: refining in the presence of hydrogen]
- C10C3/00 Working-up pitch, asphalt, bitumen** [N: compositions of asphalts and other bitumenous materials [C08L95/00](#)]
- C10C3/00A . [N: by thermal means]
  - C10C3/00B . [N: by mixing several fractions (also coaltar fractions with petroleum fractions)]
  - C10C3/00C . [N: winning and separation of asphalt from mixtures with aggregates, fillers and other products, e.g. winning from natural asphalt and regeneration of waste asphalt]
  - C10C3/02 . by chemical means [N: reaction]
  - C10C3/02A . . [N: with inorganic compounds]
  - C10C3/02B . . [N: with organic compounds]
  - C10C3/04 . . by blowing or oxidising [N: e.g. air, ozone]
  - C10C3/06 . by distillation
  - C10C3/08 . by selective extraction

- C10C3/10 . Melting
- C10C3/12 . . Devices therefor [N: transporting and melting for road construction [E01C](#) + s.gr.]
- C10C3/14 . Solidifying, Disintegrating, e.g. granulating
- C10C3/16 . . by direct contact with liquids
- C10C3/18 . Removing in solid form from reaction vessels, containers and the like, e.g. by cutting out, by pressing
  
- C10C5/00** **Production of pyroligneous acid** [N: distillation of wood, dry distillation of organic waste] (carbonisation of wood [C10B](#))