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A Novel Process for tar-Base and Indole Separation from Coal Tar

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:

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Synopsis :
A novel commercial process has been successfully developed to separate indole, methylnaphthalene and tar bases such as quinoline and isoquinoline contained in wash oil which is produced by distillation of coal tar. The process consists of tar-base removal, indole removal using an oligomerization and purification of desired products. The indole oligomerization method is the first commercialized technology, by which indole of low content is separated most efficiently and economically from other components contained in tar-base-removed wash oil. Construction of a plant was completed at Mizushima

コールタール油からのタール塩基および

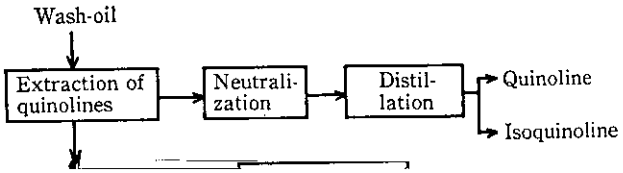
from Coal Tar

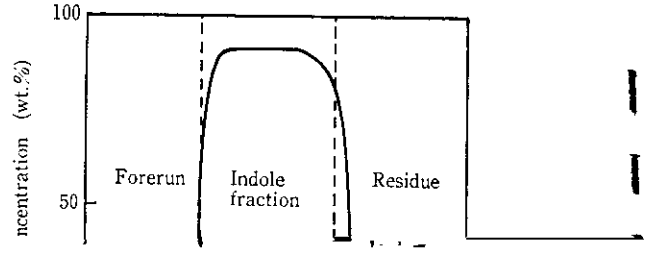
要旨

コールタール蒸留から得られる吸収油に含まれるキノリン　イソ

Table 1 An example of wash oil composition

Component	Content (%)
Naphthalene	10.3
Quinoline	5.2




100
50
ncentration (wt.%)
Forerun
Indole fraction
Residue