

Title (en)
Alkaline zinc-nickel bath

Title (de)
Alkalisches Zink-Nickelbad

Title (fr)
Bain Zinc-Nickel alcalin

Publication
EP 1344850 A1 20030917 (DE)

Application
EP 03003890 A 19990729

Priority
• DE 19834353 A 19980730
• EP 99940077 A 19990729

Abstract (en)
The alkaline galvanic bath (1) for production of zinc-nickel coatings, with an anode (2) and a cathode (3), has the anode separated from the alkaline electrolyte (4) by means of an ion exchange membrane (6).

Abstract (de)
Zur Vermeidung unerwünschter Nebenreaktionen in einem alkalischen Zink-Nickel-Galvanikbad wird vorgeschlagen, die Anode von dem alkalischen Elektrolyten zu trennen.

IPC 1-7
C25D 21/12

IPC 8 full level
C25D 1/00 (2006.01); **C25B 9/23** (2021.01); **C25D 3/56** (2006.01); **C25D 17/00** (2006.01); **C25D 17/10** (2006.01); **C25D 21/12** (2006.01)

CPC (source: EP KR US)
C25D 3/565 (2013.01 - EP US); **C25D 17/02** (2013.01 - KR); **C25D 21/12** (2013.01 - EP US)

Citation (search report)
• [A] EP 0410919 A1 19910130 - SIDERURGIE FSE INST RECH [FR]
• [A] DATABASE WPI Section Ch Week 198328, Derwent World Patents Index; Class M11, AN 1983-708398, XP002131380
• [A] DATABASE WPI Section Ch Week 199210, Derwent World Patents Index; Class M11, AN 1992-075074, XP002131381

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EP2384800A1; EP3358045A1; WO2018146041A1; RU2724765C1; EP3415665A1; DE102008058086A1; DE102010044551A1; WO2012031753A1; US11339492B2; DE202015002289U1; DE102015009379A1; US10738391B2

Designated contracting state (EPC)
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