

Title (en)  
POLYIMIDE SEAMLESS CONVEYING BELT

Title (de)  
NAHTLOSES TRANSPORTBAND AUS POLYIMID

Title (fr)  
BANDE TRANSPORTEUSE CONTINUE EN POLYIMIDE

Publication  
**EP 1354011 A2 20031022 (EN)**

Application  
**EP 01989808 A 20011130**

Priority  
• JP 2000364781 A 20001130  
• US 0145092 W 20011130

Abstract (en)  
[origin: WO0244291A2] To provide a coating composition of a soluble aromatic polyimide having good heat resistance and mechanical strength. As a soluble polyimide, a compound of the formula (I) in which R's represent independently from one another H, halogen, an alkyl group or an alkoxy group, or a substituted or unsubstituted phenyl group; A is a tetravalent aromatic group or a group of the formula (II) in which B is a covalent bond, a >C(R<2>)2 group, a carbonyl group, O, S, a >SO2 group, a >Si(CH3)2 group, a >Si(C2H5)2 group, a >NR<3> group or a bifunctional ether group in which R<2> is a hydrogen atom or -C(R<4>)3, R<3> is H, an alkyl group or an aryl group, and R<4> is H, F or Cl; Ar is an aromatic nucleus or a group of the formula (III) in which Ar and B are the same as defined above, and each p is an integer of 0 to 10; m is an integer of 1 to 10 is used. The polyimide has a weight average molecular weight of 150,000 to 1,000,000.

IPC 1-7  
**C09D 179/08**; **C08G 73/10**

IPC 8 full level  
**C08J 5/18** (2006.01); **C08G 73/10** (2006.01); **C09D 179/08** (2006.01)

CPC (source: EP KR)  
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