

Title (en)  
PROSTAGLANDIN-DERIVATIVES HAVING ANTITHROMBOTIC ACTIVITY.

Title (de)  
PROSTAGLANDIN-DERIVATE MIT ANTITHROMBOTISCHER WIRKUNG.

Title (fr)  
DERIVES DE PROSTAGLANDINE AYANT UNE ACTIVITE ANTITHROMBOTIQUE.

Publication  
**EP 0425584 A1 19910508 (EN)**

Application  
**EP 89910462 A 19890912**

Priority  
• IT 2092789 A 19890620  
• IT 2201288 A 19880920

Abstract (en)  
[origin: WO9003170A2] The compounds of formula (I), wherein: n = 2, 3; m = 4, 5, 6, 7; X = NHR, CH<sub>2</sub>NHR, NHHN<sub>2</sub>; R = H, a linear or branched (C1-C4)alkyl, a linear or branched (C1-C4)acyl; Y = CH<sub>2</sub>NH<sub>2</sub>, COOH, CONH<sub>2</sub> (with the exclusion of the compounds wherein n = 2, m = 5, X = NHR with R = H, a linear or branched (C1-C4)alkyl, a linear or branched (C1-C4)acyl; Y = COOH, CONH<sub>2</sub>) including all optical and/or geometrical isomers, alone or in admixture, and their salts, which inhibit the platelet aggregation in the blood and which can be prepared for use as antiplatelet, antithrombotic agents.

Abstract (fr)  
L'invention concerne les composés de formule (I) dans laquelle n = 2, 3; m = 4, 5, 6, 7; X = NHR, CH<sub>2</sub>NHR, NHHN<sub>2</sub>; R = H, un (C1-C4)alkyle linéaire ou ramifié, un (C1-C4)acyle linéaire ou ramifié; Y = CH<sub>2</sub>NH<sub>2</sub>, COOH, CONH<sub>2</sub> (à l'exclusion des composés dans lesquels n = 2, m = 5, X = NHR avec R = H, un (C1-C4)alkyle linéaire ou ramifié, un (C1-C4)acyle linéaire ou ramifié; Y = COOH, CONH<sub>2</sub>) comprenant tous les isomères optiques et/ou géométriques, seuls ou mélangés, ainsi que leurs sels, inhibant l'agrégation de plaquettes dans le sang, et pouvant être préparés pour une utilisation comme agents antithrombotiques, antiplaquettes.

IPC 1-7  
**A61K 31/557; C07C 229/46**

IPC 8 full level  
**A61K 31/557** (2006.01); **A61P 7/02** (2006.01); **C07C 69/716** (2006.01); **C07C 69/738** (2006.01); **C07C 211/03** (2006.01); **C07C 211/21** (2006.01); **C07C 229/28** (2006.01); **C07C 229/46** (2006.01); **C07C 233/05** (2006.01); **C07C 237/06** (2006.01); **C07C 237/22** (2006.01)

CPC (source: EP)  
**A61K 31/557** (2013.01); **A61P 7/02** (2017.12)

Citation (search report)  
See references of WO 9003170A2

Designated contracting state (EPC)  
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)  
**WO 9003170 A2 19900405; WO 9003170 A3 19900517**; AU 4313889 A 19900418; AU 628400 B2 19920917; DK 124390 A 19900518; DK 124390 D0 19900518; EP 0425584 A1 19910508; JP H03502103 A 19910516

DOCDB simple family (application)  
**IT 8900061 W 19890912**; AU 4313889 A 19890912; DK 124390 A 19900518; EP 89910462 A 19890912; JP 50978089 A 19890912