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(54) **COMBINATION COMPRISING VALSARTAN, AMLODIPINE AND HYDROCHLOROTHIAZIDE**
KOMBINATION ENTHALTEND VALSARTAN, AMLODIPIN UND HYDROCHLOROTHIAZID
COMBINAISON COMPRENANT VALSARTANE, AMLODIPINE ET HYDROCHLOROTHIAZIDE

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(56) References cited:
WO-A-92/20342 DE-A- 10 004 651
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• **MACGREGOR G A ET AL: "THE EFFICACY OF CANDESARTAN: AN ANGIOTENSIN II TYPE I RECEPTOR ANTAGONIST ALONE OR IN COMBINATION WITH AMLODIPINE OR IN COMBINATION WITH AMLODIPINE AND HYDROCHLOROTHIAZIDE IN PATIENTS WITH MODERATE-TO-SEVERE ESSENTIAL HYPERTENSION" AMERICAN JOURNAL OF HYPERTENSION, NEW YORK, NY, US, vol. 10, no. 4, PART 2, April 1997 (1997-04), page 112A XP000869500**
• **MACGREGOR G A ET AL: "Efficacy of candesartan cilexetil alone or in combination with amlodipine and hydrochlorothiazide in moderate-to-severe hypertension" HYPERTENSION 2000 UNITED STATES, vol. 36, no. 3, 2000, pages 454-460, XP002251650 ISSN: 0194-911X**

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EP 1 507 529 B8

- OPARIL SUZANNE ET AL: "Efficacy and safety of Losartan/Hydrochlorothiazide in patients with severe hypertension." AMERICAN JOURNAL OF CARDIOLOGY, vol. 87, no. 6, 15 March 2001 (2001-03-15), pages 721-726, XP002251651 ISSN: 0002-9149
- OPARIL SUZANNE ET AL: "Efficacy, tolerability, and effects on quality of life of losartan, alone or with hydrochlorothiazide, versus amlodipine, alone or with hydrochlorothiazide, in patients with essential hypertension." CLINICAL THERAPEUTICS, vol. 18, no. 4, 1996, pages 608-625, XP002251652 ISSN: 0149-2918
- OHNISHI K ET AL: "Influence of the angiotensin II receptor antagonist losartan on diuretic-induced metabolic effects in elderly hypertensive patients: Comparison with a calcium channel blocker." INTERNATIONAL JOURNAL OF CLINICAL PHARMACOLOGY AND THERAPEUTICS, vol. 39, no. 10, October 2001 (2001-10), pages 417-422, XP008020851 ISSN: 0946-1965
- SONG J C, WHITE M: "Pharmacologic, pharmacokinetic, and therapeutic differences among angiotensin II receptor antagonists" PHARMACOTHERAPY, vol. 20, no. 2, 2000, pages 130-139,
- [Online] Retrieved from the Internet: URL:<http://www.pharma.us.novartis.com/news room/pressReleases/releaseDetail.jsp?PRID= 1996>>
- WELLINGTON K, FAULDS D M: "Valsartan/ hydrochlorothiazide: a review of its pharmacology, therapeutic efficacy and place in the management of hypertension" DRUGS, vol. 62, no. 13, 2002, pages 1983-2005,